IQSIGHT

VISUAL INTELLIGENCE FOR A WORLD UNINTERRUPTED \»\

VIDEO PRODUCT OVERVIEW GUIDE

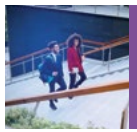
SEPTEMBER 2026

Formerly Bosch Video Systems



From business to mission-critical environments, IQSIGHT delivers trusted quality, proven performance, and intelligence-first video solutions built for what matters.

TABLE OF CONTENTS


Intelligent Video Analytics
4

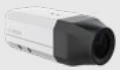

Camera overview
6


Fixed dome cameras
10


Panoramic cameras
23


Multi–imager cameras
24


Bullet cameras
27


Box cameras
31


Special cameras
33


Thermal cameras
34


Moving cameras PTZ
36


All–in–one video recording and management
42


Storage solutions
44


Video software
46


Decoders
48


LED monitors
49

INTELLIGENT VIDEO ANALYTICS

IQSIGHT transforms video into actionable intelligence. IVA Pro uses application-specific analytics to detect, classify, and track what matters, delivering accurate insights that help organizations respond faster and make informed decisions. IVA Pro Context adds another layer of intelligence to understand what's happening and why it matters.

With generative AI, IVA Pro Context transforms simple prompts into human-level scene understanding, empowering teams to act decisively. It supports flexible edge and hybrid deployment models.

IVA Pro
Buildings



- Reliable intrusion detection in busy scenes.
- Detect, classify, and count people and vehicles.

IVA Pro
Perimeter



- Robust performance in challenging environmental and lighting conditions.
- Detect intruders early and reliably at long–distance.

IVA Pro
Intelligent Tracking



- Detect, classify and track with precise detail, even while the camera is moving, and the object is standing still.

IVA Pro
Visual Gun Detection



- Designed to detect people brandishing guns and promptly alert personnel.

IVA Pro
Personal Protective Equipment



- Reliably detect personal protective equipment items on a specific person and promptly alert when missing.

IVA Pro
Appearance



- Analyze (identify and collect) physical attributes, such as clothing items, hair color and length, etc.

IVA Pro
Privacy



- A semi–transparent privacy mask ensures anonymization while still getting insights about moving objects in the area.

IVA Pro
Context



- Adds GenAI-powered reasoning and context, transforming simple prompts into customized monitoring instructions.

IVA Pro
Traffic



- Detects, classifies, and locates cars, motorcycles, bicycles, trucks, and buses in heavy traffic, day or night with high accuracy in challenging situations.
- Pedestrian and bicycle detection – to enable safety solutions for vulnerable road users.

IVA Pro
License Plate Recognition



- Identifies, analyzes and extracts the metadata from vehicle license plates.

IVA Pro
Tunnel



- Detects dropped objects, loss of visibility, slow or stationary vehicles, wrong-way drivers, and pedestrians in real time.

IVA Pro
Vehicle Make Model



- Detects and identifies the class, make and model of moving vehicles and their direction.

IVA Pro
Dangerous Good Signs



- Detects and recognizes the content of dangerous good signs (ADR) on moving vehicles (car, van, truck) at 95%+ accuracy levels.

IVA Pro **LPR / Vehicle Make Model / Dangerous Good Signs**



- Detailed vehicle data is crucial for traffic analysis, parking management, or fleet operations.
- By combining License Plate Recognition and Vehicle Make and Model, operators can gather richer data, such as the type of vehicles visiting a facility, patterns in vehicle types and their frequency, or specific brand distributions.

Fixed cameras

Outdoor

Thermal cameras

DINION thermal 8100i

NBT-8700-F03QF
QVGA

DINION thermal 8100i

NBT-8700-F05QF
QVGA

DINION thermal 8100i

NBT-8700-F09QF
QVGA

DINION thermal 8100i

NBT-8700-F18QF
QVGA

DINION thermal 8100i

NBT-8701-F06VF
VGA

DINION thermal 8100i

NBT-8701-F14VF
VGA

DINION thermal 8100i

NBT-8701-F25VF
VGA

DINION thermal 8100i

NBT-8701-F42VF
VGA

Micro dome cameras

FLEXIDOME micro 3100i

NUE-3702-Fxx
2MP

FLEXIDOME micro 3100i

NUE-3703-Fxx
5MP

Mini dome cameras

FLEXIDOME outdoor 3100i IR

NDE-3702-AL
2MP

FLEXIDOME outdoor 3100i IR

NDE-3703-AL
5MP

FLEXIDOME outdoor 5100i

NDE-5702-A
2MP

FLEXIDOME outdoor 5100i IR

NDE-5702-AL
2MP

FLEXIDOME outdoor 5100i

NDE-5703-A
5MP

FLEXIDOME outdoor 5100i IR

NDE-5703-AL
5MP

FLEXIDOME outdoor 5100i

NDE-5704-A
8MP

FLEXIDOME outdoor 5100i IR

NDE-5704-AL
8MP

FLEXIDOME 8100i

NDE-8702-RX(T)
2MP, X series

FLEXIDOME 8100i IR

NDE-8702-RXL
2MP, X series

FLEXIDOME 8100i

NDE-8703-RX(T)
4MP, X series

FLEXIDOME 8100i IR

NDE-8703-RXL
4MP, X series

FLEXIDOME 8100i

NDE-8703-R(T)
6MP

FLEXIDOME 8100i IR

NDE-8703-RL
6MP

FLEXIDOME 8100i

NDE-8704-R(T)
8MP

FLEXIDOME 8100i IR

NDE-8704-RL
8MP

FLEXIDOME 8100i

NDE-8704-RX
8MP, X series

FLEXIDOME 8100i IR

NDE-8704-RXL
8MP, X series

Fixed cameras

Outdoor

Bullet cameras

DINION 3100i IR



NBE-3702-AL
2MP

DINION 3100i IR



NBE-3703-AL
5MP

DINION 5100i IR



NBE-5702-AL
2MP

DINION 5100i IR



NBE-5703-AL
5MP

DINION 5100i IR



NBE-5704-AL
8MP

DINION 7100i IR



NBE-7702-ALX
2MP

DINION 7100i IR



NBE-7703-ALX
4MP

DINION 7100i IR



NBE-7703-ALXT
4MP

DINION 7100i IR



NBE-7704-AL
8MP

DINION 7100i IR



NBE-7704-ALT
8MP

DINION 7100i IR



NBE-7704-ALX
8MP

Panoramic cameras

FLEXIDOME panoramic 5100i IR



NDS-5703-F360LE
6MP

FLEXIDOME panoramic 5100i IR



NDS-5704-F360LE
12MP

Multi-imager cameras

FLEXIDOME dual 7000i



NDD-7802-AL
2× 3MP

FLEXIDOME dual 7000i



NDD-7803-AL
2× 5MP

FLEXIDOME multi 7100i



NDM-7712-A
4× 3MP

FLEXIDOME multi 7100i



NDM-7713-A
4× 5MP

FLEXIDOME multi 7100i IR



NDM-7712-AL
4× 3MP

FLEXIDOME multi 7100i IR



NDM-7713-AL
4× 5MP

FLEXIDOME multi+ 7100i



NMM-7713-A
4× 5MP

FLEXIDOME multi+ 7100i IR



NMM-7713-AL
4× 5MP

Fixed cameras

Indoor

Box cameras

DINION 7100s



NBI-7802-AX
2MP

DINION 7100s



NBI-7802-AXT
2MP

DINION 7100s



NBI-7803-AX
4MP

DINION 7100s



NBI-7803-AXT
4MP

DINION 7100s



NBI-7803S-AX
4MP

DINION 7100s



NBI-7803S-AXT
4MP

Micro dome cameras

FLEXIDOME micro 3100i



NUV-3702-Fxx
2MP

FLEXIDOME micro 3100i



NUV-3703-Fxx
5MP

Mini dome cameras

FLEXIDOME indoor 3100i



NDI-3702-A
2MP

FLEXIDOME indoor 3100i



NDI-3703-A
5MP

FLEXIDOME indoor 3100i IR



NDI-3702-AL
2MP

FLEXIDOME indoor 3100i IR



NDI-3703-AL
5MP

FLEXIDOME indoor 5100i



NDV-5702-A
2MP

FLEXIDOME indoor 5100i IR



NDV-5702-AL
2MP

FLEXIDOME indoor 5100i



NDV-5703-A
5MP

FLEXIDOME indoor 5100i IR



NDV-5703-AL
5MP

FLEXIDOME indoor 5100i



NDV-5704-A
8MP

FLEXIDOME indoor 5100i IR



NDV-5704-AL
8MP

Panoramic cameras

FLEXIDOME panoramic 5100i



NDS-5703-F360
6MP

FLEXIDOME panoramic 5100i



NDS-5704-F360
12MP

Special cameras

FLEXIDOME corner 7100i IR



NCE-7703-FK
6MP

Moving cameras

Indoor

AUTODOME IP starlight 5000i



NDP-5522-Z30C
in–ceiling, 2MP, 30x zoom

Outdoor

AUTODOME IP starlight 5000i



NDP-5522-Z30
2MP, 30x zoom

AUTODOME IP starlight 5000i IR



NDP-5522-Z30L
2MP, 30x zoom

AUTODOME IP starlight 5100i IR



NDP-5533-Z30L
4MP, 30x zoom

AUTODOME 7100i



NDP–7802–Z40
2MP, 40x zoom

AUTODOME 7100i IR



NDP–7802–Z40L
2MP, 40x zoom

AUTODOME 7100i IR



NDP–7804–Z12L
8MP, 12x zoom

AUTODOME 7100s



NDP-7803S-Z30
4MP, 30x zoom

AUTODOME 7100s IR



NDP-7803S-Z30L
4MP, 30x zoom

Extreme outdoor

MIC IP starlight 7100i



MIC–7522–Z30x
2MP, 30x zoom, Intelligent Video Analytics

MIC IP ultra 7100i



MIC–7505–Z12xR
8MP, 12x zoom, Intelligent Video Analytics

MIC IP fusion 9000i



MIC–9502–Z30xxx
2MP, 30x zoom, Intelligent Video Analytics

MIC 7100s



MIC-7803S-Z30x
4MP, 30x zoom, Intelligent Video Analytics Pro

MIC 7100s



MIC-7803S-Z30xR
4MP 30x zoom, Enhanced, Intelligent Video Analytics Pro

MIC fusion 9100s



MIC-9803S-Z30xxxx
4MP, 30x zoom, Intelligent Video Analytics Pro

Fixed dome cameras

▪ Available – Not available

		▶FLEXIDOME micro 3100i indoor		▶FLEXIDOME micro 3100i outdoor	
		 2MP Indoor	 5MP Indoor	 2MP Outdoor	 5MP Indoor
Commercial Type Number		**NUV–3702–Fxx**	**NUV–3703–Fxx**	**NUE–3702–Fxx**	**NUE–3703–Fxx**
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	–	–	–	–
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	–	–	–	–
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	–	–	–	–
	IVA Pro Appearance (MVC-IVA-APC)	–	–	–	–
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	–	–	–	–
	IVA Pro License Plate Recognition (MVC-IVA-LPR), IVA Pro Vehicle Make Model (MVC-IVA-MMR), IVA Pro License Plate + Make Model (MVC-IVA-LPRX), IVA Pro Dangerous Good Signs (MVC-IVA-DGS)	–	–	–	–
	IVA Pro Privacy (MVC-IVA-PRI)	–	–	–	–
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–	–	–
Basic features	Maximum resolution	2MP	5MP	2MP	5MP
	Image sensor type	1/2.8"	1/2.7"	1/2.8"	1/2.7"
	Max. frames per second (fps)	30fps	30fps	30fps	30fps
	High Dynamic Range (HDR)	120dB	120dB	120dB	120dB
	ONVIF conformant	▪	▪	▪	▪
	Built–in microphone	–	–	–	–
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–	–	–
	Privacy masking	▪	▪	▪	▪
	Upright video mode	▪	▪	▪	▪
	Electronic Image Stabilization (EIS)	–	–	–	–
Bitrate management	Intelligent streaming	▪	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪	▪
	Multi streaming	3 streams	3 streams	3 streams	3 streams
Sensitivity	Minimum illumination day mode (color)	0.1 lux	0.15 lux	0.1 lux	0.15 lux
	Minimum illumination night mode (black / white)	–	–	–	–
	Max. IR range	–	–	–	–
Lens	Automatic varifocal	–	–	–	–
	Focal length	2.49 mm (F02) / 3.2 mm (F04) / 6 mm (F06)	2.49 mm (F02) / 3.2 mm (F04) / 6 mm (F06)	2.49 mm (F02) / 3.2 mm (F04) / 6 mm (F06)	2.49 mm (F02) / 3.2 mm (F04) / 6 mm (F06)
	Horizontal Field of View (HFoV)	137° / 106° / 58.5°	131.2° / 100.8° / 56.1°	137° / 106° / 58.5°	131.2° / 100.8° / 56.1°
Storage	Industrial SD card support with health monitoring	▪	▪	▪	▪
Connections	Alarm input / output	–	–	–	–
	Audio in / out	–	–	–	–
	Hybrid / public view monitor	–	–	–	–
Housing	Weather rating	–	–	IP66	IP66
	Vandal resistant	IK08	IK08	IK10	IK10
	Operating temperature	0 to 40°C (32 to 104° F)	0 to 40°C (32 to 104° F)	-30 to 50°C (-22 to 122° F)	-30 to 50°C (-22 to 122° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE	PoE	PoE	PoE
Accessories	Modular mount compatible	▪	▪	▪	▪

IQSIGHT

Fixed dome cameras

▪ Available – Not available

▶FLEXIDOME indoor 3100i IR



2MP



5MP



2MP

Commercial Type Number		NDI-3702-A	NDI-3702-A-IO	NDI-3703-A
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	–	–	–
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	–	–	–
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	–	–	–
	IVA Pro Appearance (MVC-IVA-APC)	–	–	–
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	–	–	–
	IVA Pro License Plate Recognition (MVC-IVA-LPR), IVA Pro Vehicle Make Model (MVC-IVA-MMR), IVA Pro Dangerous Good Signs (MVC-IVA-DGS)	–	–	–
	IVA Pro Privacy (MVC-IVA-PRI)	–	–	–
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–	–
Basic features	Maximum resolution	2MP	2MP	5MP
	Image sensor type	1/2.8"	1/2.8"	1/2.7"
	Max. frames per second (fps)	30fps	30fps	30fps
	High Dynamic Range (HDR)	120dB	120dB	120dB
	ONVIF conformant	▪	▪	▪
	Built–in microphone	–	▪	–
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–	–
	Privacy masking	▪	▪	▪
	Upright video mode	▪	▪	▪
	Electronic Image Stabilization (EIS)	–	–	–
Bitrate management	Intelligent streaming	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪
	Multi streaming	3 streams	3 streams	3 streams
Sensitivity	Minimum illumination day mode (color)	0.06 lux	0.06 lux	0.14 lux
	Minimum illumination night mode (black / white)	0.016 lux	0.016 lux	0.03 lux
	Max. IR range	–	–	–
Lens	Automatic varifocal	▪	▪	▪
	Focal length	3.3 - 10.2 mm	3.3 - 10.2 mm	3.3 - 10.2 mm
	Horizontal Field of View (HFoV)	106° - 31.2°	106° - 31.2°	101.4° - 30.1°
Storage	Industrial SD card support with health monitoring	▪	▪	▪
Connections	Alarm input / output	–	▪	–
	Audio in / out	–	▪	–
	Hybrid / public view monitor	▪	▪	▪
Housing	Weather rating	–	–	–
	Vandal resistant	–	–	–
	Operating temperature	0 to 40°C (32 to 104° F)	0 to 40°C (32 to 104° F)	0 to 40°C (32 to 104° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE	PoE / - / 24V	PoE
Accessories	Modular mount compatible	▪	▪	▪

Fixed dome cameras

▪ Available – Not available

		▶FLEXIDOME indoor 3100i IR	
		 IR 2MP	 IR 5MP
Commercial Type Number		**NDI-3702-AL**	**NDI-3703-AL**
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	–	–
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	–	–
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	–	–
	IVA Pro Appearance (MVC-IVA-APC)	–	–
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	–	–
	IVA Pro License Plate Recognition (MVC-IVA-LPR), IVA Pro Vehicle Make Model (MVC-IVA-MMR), IVA Pro Dangerous Good Signs (MVC-IVA-DGS)	–	–
	IVA Pro Privacy (MVC-IVA-PRI)	–	–
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–
Basic features	Maximum resolution	2MP	5MP
	Image sensor type	1/2.8"	1/2.7"
	Max. frames per second (fps)	30fps	30fps
	High Dynamic Range (HDR)	120dB	120dB
	ONVIF conformant	▪	▪
	Built–in microphone	–	–
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–
	Privacy masking	▪	▪
	Upright video mode	▪	▪
	Electronic Image Stabilization (EIS)	–	–
Bitrate management	Intelligent streaming	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪
	Multi streaming	3 streams	3 streams
Sensitivity	Minimum illumination day mode (color)	0.06 lux	0.14 lux
	Minimum illumination night mode (black / white)	0 lux with IR on	0 lux with IR on
	Max. IR range	30 m	30 m
Lens	Automatic varifocal	▪	▪
	Focal length	3.3 - 10.2 mm	3.3 - 10.2 mm
	Horizontal Field of View (HFoV)	106° - 31.2°	101.4° - 30.1°
Storage	Industrial SD card support with health monitoring	▪	▪
Connections	Alarm input / output	–	–
	Audio in / out	–	–
	Hybrid / public view monitor	▪	▪
Housing	Weather rating	–	–
	Vandal resistant	–	–
	Operating temperature	0 to 40°C (32 to 104° F)	0 to 40°C (32 to 104° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE	PoE
Accessories	Modular mount compatible	▪	▪

Fixed dome cameras

▪ Available – Not available

▶FLEXIDOME outdoor 3100i IR



IR
2MP



IR
5MP



IR
5MP

Commercial Type Number		NDE-3702-AL	NDE-3703-AL	NDE-3703-AL-IO
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	–	–	–
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	–	–	–
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	–	–	–
	IVA Pro Appearance (MVC-IVA-APC)	–	–	–
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	–	–	–
	IVA Pro License Plate Recognition (MVC-IVA-LPR), IVA Pro Vehicle Make Model (MVC-IVA-MMR), IVA Pro Dangerous Good Signs (MVC-IVA-DGS)	–	–	–
	IVA Pro Privacy (MVC-IVA-PRI)	–	–	–
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–	–
Basic features	Maximum resolution	2MP	5MP	5MP
	Image sensor type	1/2.8"	1/2.7"	1/2.7"
	Max. frames per second (fps)	30fps	30fps	30fps
	High Dynamic Range (HDR)	120dB	120dB	120dB
	ONVIF conformant	▪	▪	▪
	Built–in microphone	–	–	–
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–	–
	Privacy masking	▪	▪	▪
	Upright video mode	▪	▪	▪
	Electronic Image Stabilization (EIS)	–	–	–
Bitrate management	Intelligent streaming	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪
	Multi streaming	3 streams	3 streams	3 streams
Sensitivity	Minimum illumination day mode (color)	0.06 lux	0.14 lux	0.14 lux
	Minimum illumination night mode (black / white)	0 lux with IR on	0 lux with IR on	0 lux with IR on
	Max. IR range	30 m	30 m	30 m
Lens	Automatic varifocal	▪	▪	▪
	Focal length	3.3 - 10.2 mm	3.3 - 10.2 mm	3.3 - 10.2 mm
	Horizontal Field of View (HFoV)	106° - 31.2°	101.4° - 30.1°	101.4° - 30.1°
Storage	Industrial SD card support with health monitoring	▪	▪	▪
Connections	Alarm input / output	–	–	▪
	Audio in / out	–	–	▪
	Hybrid / public view monitor	▪	▪	▪
Housing	Weather rating	IP66	IP66	IP66
	Vandal resistant	IK10	IK10	IK10
	Operating temperature	-30 to 50°C (-22 to 122° F)	-30 to 50°C (-22 to 122° F)	-30 to 50°C (-22 to 122° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE	PoE	PoE / – / 24V
Accessories	Modular mount compatible	▪	▪	▪

Fixed dome cameras

▪ Available – Not available

		▶FLEXIDOME indoor 5100i		
		 2MP Indoor	 5MP Indoor	 8MP Indoor
Commercial Type Number		**NDV–5702–A**	**NDV–5703–A**	**NDV–5704–A**
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪	▪
Video Analytics available via license	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪
	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪	▪
	IVA Pro License Plate Recognition, Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	▪	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–	–
Basic features	Maximum resolution	2MP	5MP	8MP
	Image sensor type	1/2.8"	1/2.7"	1/2.8"
	Max. frames per second (fps)	60fps	30fps	30fps
	High Dynamic Range (HDR)	144dB	120dB	120dB
	ONVIF conformant	▪	▪	▪
	Built–in microphone	–	–	–
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–	–
	Privacy masking	▪	▪	▪
	Upright video mode	▪	▪	▪
	Electronic Image Stabilization (EIS)	▪	▪	▪
Bitrate management	Intelligent streaming	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.021 lux	0.044 lux	0.065 lux
	Minimum illumination night mode (black / white)	0.004 lux	0.01 lux	0.02 lux
	Max. IR range	45 m	45 m	40 m
Lens	Automatic varifocal	▪	▪	▪
	Focal length	3.2 - 10.5 mm (P-iris)	3.2 - 10.5 mm (P-iris)	3.2 - 10.5 mm (P-iris)
	Horizontal Field of View (HFoV)	105° - 31°	96° - 29°	105° - 31°
Storage	Industrial SD card support with health monitoring	▪	▪	▪
Connections	Alarm input / output	▪	▪	▪
	Audio in / out	▪	▪	▪
	Hybrid / public view monitor	–	–	–
Housing	Weather rating	IP54	IP54	IP54
	Vandal resistant	IK10	IK10	IK10
	Operating temperature	-20 to 50°C (-4 to 122° F)	-20 to 50°C (-4 to 122° F)	-20 to 50°C (-4 to 122° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE	PoE	PoE
Accessories	Modular mount compatible	▪	▪	▪

Fixed dome cameras

▪ Available – Not available

		▶FLEXIDOME indoor 5100i IR		
		 IR 2MP Indoor	 IR 5MP Indoor	 IR 8MP Indoor
Commercial Type Number		**NDV–5702–AL**	**NDV–5703–AL**	**NDV–5704–AL**
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪	▪
Video Analytics available via license	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪
	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪	▪
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	▪	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	▪	▪	▪
Basic features	Maximum resolution	2MP	5MP	8MP
	Image sensor type	1/2.8"	1/2.7"	1/2.8"
	Max. frames per second (fps)	60fps	30fps	30fps
	High Dynamic Range (HDR)	144dB	120dB	120dB
	ONVIF conformant	▪	▪	▪
	Built–in microphone	▪	▪	▪
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–	–
	Privacy masking	▪	▪	▪
	Upright video mode	▪	▪	▪
	Electronic Image Stabilization (EIS)	▪	▪	▪
Bitrate management	Intelligent streaming	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.021 lux	0.044 lux	0.046 lux
	Minimum illumination night mode (black / white)	0.004 lux	0.01 lux	0.015 lux
	Max. IR range	45 m	45 m	40 m
Lens	Automatic varifocal	▪	▪	▪
	Focal length	3.2 - 10.5 mm (P-iris)	3.2 - 10.5 mm (P-iris)	3.2 - 10.5 mm (P-iris)
	Horizontal Field of View (HFoV)	105° - 31°	96° - 29°	105° - 31°
Storage	Industrial SD card support with health monitoring	▪	▪	▪
Connections	Alarm input / output	▪	▪	▪
	Audio in / out	▪	▪	▪
	Hybrid / public view monitor	▪	▪	–
Housing	Weather rating	IP54	IP54	IP54
	Vandal resistant	IK10	IK10	IK10
	Operating temperature	-20 to 50°C (-4 to 122° F)	-20 to 50°C (-4 to 122° F)	-20 to 50°C (-4 to 122° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE	PoE	PoE
Accessories	Modular mount compatible	▪	▪	▪

Fixed dome cameras

▪ Available – Not available

		▶FLEXIDOME outdoor 5100i		
		 2MP Outdoor	 5MP Outdoor	 8MP Outdoor
Commercial Type Number		**NDE–5702–A**	**NDE–5703–A**	**NDE–5704–A**
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪	▪
Video Analytics available via license	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪
	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪	▪
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	▪	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–	–
Basic features	Maximum resolution	2MP	5MP	8MP
	Image sensor type	1/2.8"	1/2.7"	1/2.8"
	Max. frames per second (fps)	60fps	30fps	30fps
	High Dynamic Range (HDR)	144dB	120dB	120dB
	ONVIF conformant	▪	▪	▪
	Built–in microphone	–	–	–
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–	–
	Privacy masking	▪	▪	▪
	Upright video mode	▪	▪	▪
	Electronic Image Stabilization (EIS)	▪	▪	▪
Bitrate management	Intelligent streaming	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.021 lux	0.044 lux	0.065 lux
	Minimum illumination night mode (black / white)	0.004 lux	0.01 lux	0.02 lux
	Max. IR range	45 m	45 m	40 m
Lens	Automatic varifocal	▪	▪	▪
	Focal length	3.2 - 10.5 mm (P-iris)	3.2 - 10.5 mm (P-iris)	3.2 - 10.5 mm (P-iris)
	Horizontal Field of View (HFoV)	105° - 31°	96° - 29°	105° - 31°
Storage	Industrial SD card support with health monitoring	▪	▪	▪
Connections	Alarm input / output	▪	▪	▪
	Audio in / out	▪	▪	▪
	Hybrid / public view monitor	▪	▪	–
Housing	Weather rating	IP66	IP66	IP66
	Vandal resistant	IK10	IK10	IK10
	Operating temperature	-40 to 55°C (-40 to 131° F)	-40 to 55°C (-40 to 131° F)	-40 to 55°C (-40 to 131° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / 12V / 24V	PoE / 12V / 24V	PoE / 12V / 24V
Accessories	Modular mount compatible	▪	▪	▪

Fixed dome cameras

▪ Available – Not available

		▶FLEXIDOME outdoor 5100i IR		
		 IR 2MP Outdoor	 IR 5MP Outdoor	 IR 8MP Outdoor
Commercial Type Number		**NDE–5702–AL**	**NDE–5703–AL**	**NDE–5704–AL**
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪	▪
Video Analytics available via license	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪
	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪	▪
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	▪	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	▪	▪	▪
Basic features	Maximum resolution	2MP	5MP	8MP
	Image sensor type	1/2.8"	1/2.7"	1/2.8"
	Max. frames per second (fps)	60fps	30fps	30fps
	High Dynamic Range (HDR)	144dB	120dB	120dB
	ONVIF conformant	▪	▪	▪
	Built–in microphone	▪	▪	▪
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–	–
	Privacy masking	▪	▪	▪
	Upright video mode	▪	▪	▪
	Electronic Image Stabilization (EIS)	▪	▪	▪
Bitrate management	Intelligent streaming	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.021 lux	0.044 lux	0.065 lux
	Minimum illumination night mode (black / white)	0.004 lux	0.01 lux	0.02 lux
	Max. IR range	45 m	45 m	40 m
Lens	Automatic varifocal	▪	▪	▪
	Focal length	3.2 - 10.5 mm (P-iris)	3.2 - 10.5 mm (P-iris)	3.2 - 10.5 mm (P-iris)
	Horizontal Field of View (HFoV)	105° - 31°	96° - 29°	105° - 31°
Storage	Industrial SD card support with health monitoring	▪	▪	▪
Connections	Alarm input / output	▪	▪	▪
	Audio in / out	▪	▪	▪
	Hybrid / public view monitor	▪	▪	–
Housing	Weather rating	IP66	IP66	IP66
	Vandal resistant	IK10	IK10	IK10
	Operating temperature	-40 to 55°C (-40 to 131° F)	-40 to 55°C (-40 to 131° F)	-40 to 55°C (-40 to 131° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / 12V / 24V	PoE / 12V / 24V	PoE / 12V / 24V
Accessories	Modular mount compatible	▪	▪	▪

Fixed dome cameras

▪ Available – Not available

▶FLEXIDOME 8100i IR



6MP | Indoor/ Outdoor | PTRZ



6MP Tele | Indoor/ Outdoor | PTRZ



IR | 6MP | Indoor/ Outdoor | PTRZ

Commercial Type Number		NDE–8703–R	NDE–8703–RT	NDE–8703–RL
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪	▪
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪	▪
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	▪	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–	▪
Basic features	Maximum resolution	6MP	6MP	6MP
	Image sensor type	1/1.8"	1/1.8"	1/1.8"
	Max. frames per second (fps)	30fps	30fps	30fps
	High Dynamic Range (HDR)	120dB	120dB	120dB
	ONVIF conformant	▪	▪	▪
	Built–in microphone	–	–	▪
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	▪	▪	▪
	Privacy masking	▪	▪	▪
	Upright video mode	▪	▪	▪
	Electronic Image Stabilization (EIS)	▪	▪	▪
Bitrate management	Intelligent streaming	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.036 lux	0.0885 lux	0.036 lux
	Minimum illumination night mode (black / white)	0.0054 lux	0.0083 lux	0.0054 lux
	Max. IR range	–	–	30 m
Lens	Automatic varifocal	▪	▪	▪
	Focal length	3.9 - 10 mm (P-iris)	12 - 38 mm (P-iris)	3.9 - 10 mm (P-iris)
	Horizontal Field of View (HFoV)	117° - 44°	36° - 12°	117° - 44°
Storage	Industrial SD card support with health monitoring	Dual microSD	Dual microSD	Dual microSD
Connections	Alarm input / output	2 / 1 + 12V 50mA out	2 / 1 + 12V 50mA out	2 / 1 + 12V 50mA out
	Audio in / out	▪ (+ Mic in)	▪ (+ Mic in)	▪ (+ Mic in)
	Hybrid / public view monitor	–	–	–
Housing	Weather rating	IP66 / IP67 / IP6K9K	IP66 / IP67 / IP6K9K	IP66 / IP67 / IP6K9K
	Vandal resistant	IK11	IK11	IK11
	Operating temperature	-50 to +60°C (-58 to +140° F)	-50 to +60°C (-58 to +140° F)	-50 to +60°C (-58 to +140° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / 12V / 24V	PoE / 12V / 24V	PoE / 12V / 24V
Accessories	Modular mount compatible	▪	▪	▪

Fixed dome cameras

▪ Available – Not available

▶FLEXIDOME 8100i IR



8MP | Indoor/ Outdoor | PTRZ



8MP Tele | Indoor/ Outdoor | PTRZ



IR | 8MP | Indoor/ Outdoor | PTRZ

Commercial Type Number		NDE-8704-R	NDE-8704-RT	NDE-8704-RL
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪	▪
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪	▪
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	▪	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–	▪
Basic features	Maximum resolution	8.3MP / 4K UHD	8.3MP / 4K UHD	8.3MP / 4K UHD
	Image sensor type	1/1.8"	1/1.8"	1/1.8"
	Max. frames per second (fps)	30fps	30fps	30fps
	High Dynamic Range (HDR)	120dB	120dB	120dB
	ONVIF conformant	▪	▪	▪
	Built–in microphone	–	–	▪
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	▪	▪	▪
	Privacy masking	▪	▪	▪
	Upright video mode	▪	▪	▪
	Electronic Image Stabilization (EIS)	▪	▪	▪
Bitrate management	Intelligent streaming	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.036 lux	0.0885 lux	0.036 lux
	Minimum illumination night mode (black / white)	0.0054 lux	0.0083 lux	0.0054 lux
	Max. IR range	–	–	30 m
Lens	Automatic varifocal	▪	▪	▪
	Focal length	3.9 - 10 mm (P-iris)	12 - 38 mm (P-iris)	3.9 - 10 mm (P-iris)
	Horizontal Field of View (HFoV)	117° - 44°	36° - 12°	117° - 44°
Storage	Industrial SD card support with health monitoring	Dual microSD	Dual microSD	Dual microSD
Connections	Alarm input / output	2 / 1 + 12V 50mA out	2 / 1 + 12V 50mA out	2 / 1 + 12V 50mA out
	Audio in / out	▪ (+ Mic in)	▪ (+ Mic in)	▪ (+ Mic in)
	Hybrid / public view monitor	–	–	–
Housing	Weather rating	IP66 / IP67 / IP6K9K	IP66 / IP67 / IP6K9K	IP66 / IP67 / IP6K9K
	Vandal resistant	IK11	IK11	IK11
	Operating temperature	-50 to +60°C (-58 to +140° F)	-50 to +60°C (-58 to +140° F)	-50 to +60°C (-58 to +140° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / 12V / 24V	PoE / 12V / 24V	PoE / 12V / 24V
Accessories	Modular mount compatible	▪	▪	▪

Fixed dome cameras

▪ Available – Not available

		▶FLEXIDOME 8100i IR – X series		
		 2MP, Indoor/Outdoor, PTRZ	 2MP Tele, Indoor/Outdoor, PTRZ	 IR, 2MP, Indoor/Outdoor, PTRZ
Commercial Type Number		**NDE-8702-RX**	**NDE-8702-RXT**	**NDE-8702-RXL**
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪	▪
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪	▪
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	▪	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–	▪
Basic features	Maximum resolution	2MP	2MP	2MP
	Image sensor type	1/1.8"	1/1.8"	1/1.8"
	Max. frames per second (fps)	60fps	60fps	60fps
	High Dynamic Range (HDR)	141dB HDR X	141dB HDR X	120dB HDR X
	ONVIF conformant	▪	▪	▪
	Built–in microphone	–	–	▪
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	▪	▪	▪
	Privacy masking	▪	▪	▪
	Upright video mode	▪	▪	▪
	Electronic Image Stabilization (EIS)	▪	▪	▪
Bitrate management	Intelligent streaming	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.0078 lux	0.054 lux	0.0078 lux
	Minimum illumination night mode (black / white)	0.0011 lux	0.0095 lux	0.0011 lux
	Max. IR range			50 m
Lens	Automatic varifocal	▪	▪	▪
	Focal length	4.4 - 10 mm (P-iris)	12 - 38 mm (P-iris)	4.4 - 10 mm (P-iris)
	Horizontal Field of View (HFoV)	110° - 56°	36° - 12°	110° - 56°
Storage	Industrial SD card support with health monitoring	Dual microSD	Dual microSD	Dual microSD
Connections	Alarm input / output	2 / 1 + 12V 50mA out	2 / 1 + 12V 50mA out	2 / 1 + 12V 50mA out
	Audio in / out	▪ (+ Mic in)	▪ (+ Mic in)	▪ (+ Mic in)
	Hybrid / public view monitor	–	–	–
Housing	Weather rating	IP66 / IP67 / IP6K9K	IP66 / IP67 / IP6K9K	IP66 / IP67 / IP6K9K
	Vandal resistant	IK11	IK11	IK11
	Operating temperature	-50 to +60°C (-58 to +140° F)	-50 to +60°C (-58 to +140° F)	-50 to +60°C (-58 to +140° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / 12V / 24V	PoE / 12V / 24V	PoE / 12V / 24V
Accessories	Modular mount compatible	▪	▪	▪

Fixed dome cameras

▪ Available – Not available

		▶FLEXIDOME 8100i IR – X series		
		 4MP Indoor/ Outdoor PTRZ	 4MP Tele Indoor/ Outdoor PTRZ	 IR 4MP Indoor/ Outdoor PTRZ
Commercial Type Number		**NDE-8703-RX**	**NDE-8703-RXT**	**NDE-8703-RXL**
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪	▪
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪	▪
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	▪	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–	▪
Basic features	Maximum resolution	4.1MP	4.1MP	4.1MP
	Image sensor type	1/1.8"	1/1.8"	1/1.8"
	Max. frames per second (fps)	60fps	60fps	60fps
	High Dynamic Range (HDR)	141dB HDR X	141dB HDR X	141dB HDR X
	ONVIF conformant	▪	▪	▪
	Built–in microphone	–	–	▪
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	▪	▪	▪
	Privacy masking	▪	▪	▪
	Upright video mode	▪	▪	▪
	Electronic Image Stabilization (EIS)	▪	▪	▪
Bitrate management	Intelligent streaming	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.009 lux	0.0252 lux	0.009 lux
	Minimum illumination night mode (black / white)	0.0007 lux	0.0022 lux	0.0007 lux
	Max. IR range			50 m
Lens	Automatic varifocal	▪	▪	▪
	Focal length	4.4 - 10 mm (P-iris)	12 - 38 mm (P-iris)	4.4 - 10 mm (P-iris)
	Horizontal Field of View (HFoV)	110° - 56°	36° - 12°	110° - 56°
Storage	Industrial SD card support with health monitoring	Dual microSD	Dual microSD	Dual microSD
Connections	Alarm input / output	2 / 1 + 12V 50mA out	2 / 1 + 12V 50mA out	2 / 1 + 12V 50mA out
	Audio in / out	▪ (+ Mic in)	▪ (+ Mic in)	▪ (+ Mic in)
	Hybrid / public view monitor	–	–	–
Housing	Weather rating	IP66 / IP67 / IP6K9K	IP66 / IP67 / IP6K9K	IP66 / IP67 / IP6K9K
	Vandal resistant	IK11	IK11	IK11
	Operating temperature	-50 to +60°C (-58 to +140° F)	-50 to +60°C (-58 to +140° F)	-50 to +60°C (-58 to +140° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / 12V / 24V	PoE / 12V / 24V	PoE / 12V / 24V
Accessories	Modular mount compatible	▪	▪	▪

Fixed dome cameras

▪ Available – Not available

▶FLEXIDOME 8100i IR – X series



8MP

Indoor/ Outdoor

PTRZ



IR

8MP

Indoor/ Outdoor

PTRZ

Commercial Type Number		NDE-8704-RX	NDE-8704-RXL
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	▪
Basic features	Maximum resolution	8.3MP / 4K UHD	8.3MP / 4K UHD
	Image sensor type	1/1.2"	1/1.2"
	Max. frames per second (fps)	30fps	30fps
	High Dynamic Range (HDR)	128dB HDR X	128dB HDR X
	ONVIF conformant	▪	▪
	Built–in microphone	–	▪
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	▪	▪
	Privacy masking	▪	▪
	Upright video mode	▪	▪
	Electronic Image Stabilization (EIS)	▪	▪
Bitrate management	Intelligent streaming	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪
	Multi streaming	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.0122 lux	0.0122 lux
	Minimum illumination night mode (black / white)	0.0015 lux	0.0015 lux
	Max. IR range		50 m
Lens	Automatic varifocal	▪	▪
	Focal length	5.9 - 13 mm (P-iris)	5.9 - 13 mm (P-iris)
	Horizontal Field of View (HFoV)	110° - 48°	110° - 48°
Storage	Industrial SD card support with health monitoring	Dual microSD	Dual microSD
Connections	Alarm input / output	2 / 1 + 12V 50mA out	2 / 1 + 12V 50mA out
	Audio in / out	▪ (+ Mic in)	▪ (+ Mic in)
	Hybrid / public view monitor	–	–
Housing	Weather rating	IP66 / IP67 / IP6K9K	IP66 / IP67 / IP6K9K
	Vandal resistant	IK11	IK11
	Operating temperature	-50 to +60°C (-58 to +140° F)	-50 to +60°C (-58 to +140° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / 12V / 24V	PoE / 12V / 24V
Accessories	Modular mount compatible	▪	▪

Panoramic cameras

▪ Available – Not available

Commercial Type Number		▶FLEXIDOME panoramic 5100i		▶FLEXIDOME panoramic 5100i IR	
		 6MP Indoor	 12MP Indoor	 IR 6MP Outdoor	 IR 12MP Outdoor
		NDS-5703-F360	NDS-5704-F360	NDS-5703-F360LE	NDS-5704-F360LE
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪	▪	▪
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	–	–	–	–
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	–	–	–	–
	IVA Pro Appearance (MVC-IVA-APC)	–	–	–	–
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	–	–	–	–
	IVA Pro License Plate Recognition (MVC-IVA-LPR), IVA Pro Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	–	–	–	–
	Intelligent Audio Analytics (MVC-IAA-GUN)	▪	▪	▪	▪
Basic features	Maximum resolution	6MP	12MP	6MP	12MP
	Image sensor type	1/1.8"	1/2.3"	1/1.8"	1/2.3"
	Max. frames per second (fps)	30fps	30fps	30fps	30fps
	High Dynamic Range (HDR)	120dB	120dB	120dB	120dB
	ONVIF conformant	▪	▪	▪	▪
	Built–in microphone	▪	▪	▪	▪
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–	–	–
	Privacy masking	▪	▪	▪	▪
	Upright video mode	–	–	–	–
	Electronic Image Stabilization (EIS)	–	–	–	–
Bitrate management	Intelligent streaming	▪	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.099 lux	0.15 lux	0.099 lux	0.15 lux
	Minimum illumination night mode (black / white)	0.008 lux	0.048 lux	0.008 lux	0.048 lux
	Max. IR range	–	–	20 m	20 m
Lens	Automatic varifocal	–	–	–	–
	Focal length	1.155 mm	1.26 mm	1.155 mm	1.26 mm
	Horizontal Field of View (HFoV)	182°	182°	182°	182°
Storage	Industrial SD card support with health monitoring	▪	▪	▪	▪
Connections	Alarm input / output	▪	▪	▪	▪
	Audio in / out	–	–	▪	▪
	Hybrid / public view monitor	–	–	–	–
Housing	Weather rating	–	–	IP66	IP66
	Vandal resistant	IK08	IK08	IK10	IK10
	Operating temperature	-10 to 40°C (-14 to 104° F)	-10 to 40°C (-14 to 104° F)	-40 to 55°C (-40 to 131° F)	-40 to 55°C (-40 to 131° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE	PoE	PoE / 12V / 24V	PoE / 12V / 24V
Accessories	Modular mount compatible	▪	▪	▪	▪

Multi–imager cameras

▶FLEXIDOME dual 7100i



2x 3MP

Indoor/ Outdoor



2x 5MP

Indoor/ Outdoor

▪ Available – Not available

Commercial Type Number		NDD-7802-AL	NDD-7803-AL
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	▪	–
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	–
	IVA Pro Appearance (MVC-IVA-APC)	▪	–
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	–
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	* Future release	* Future release
	IVA Pro Privacy (MVC-IVA-PRI)	* Future release	* Future release
	Intelligent Audio Analytics (MVC-IAA-GUN)	* Future release	* Future release
Basic features	Maximum resolution	2× 3MP	2× 5MP
	Image sensor type	1/2.8"	1/2.8"
	Max. frames per second (fps)	30fps	30fps
	High Dynamic Range (HDR)	120dB	120dB
	ONVIF conformant	▪	▪
	Built–in microphone	▪	▪
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–
	Privacy masking	▪	▪
	Upright video mode	▪	▪
	Electronic Image Stabilization (EIS)	–	–
Bitrate management	Intelligent streaming	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪
	Multi streaming	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.035 lux	0.035 lux
	Minimum illumination night mode (black / white)	0.003 lux	0.003 lux
	Max. IR range	30 m	30 m
Lens	Automatic varifocal	▪	▪
	Focal length	3.3 – 8.1 mm	3.3 – 8.1 mm
	Horizontal Field of View (HFoV)	104° - 37°	104° - 37°
Storage	Industrial SD card support with health monitoring	▪	▪
Connections	Alarm input / output	▪	▪
	Audio in / out	▪	▪
	Hybrid / public view monitor	–	–
Housing	Weather rating	IP66 / IP67	IP66 / IP67
	Vandal resistant	IK10	IK10
	Operating temperature	-40 to 60°C (-40 to 160° F)	-40 to 60°C (-40 to 160° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / 12V / 24V	PoE / 12V / 24V
Accessories	Modular mount compatible	▪	▪

Multi–imager cameras

▪ Available – Not available

		▶FLEXIDOME multi 7100i		▶FLEXIDOME multi 7100i IR	
		 4 x 3MP Indoor/ Outdoor	 4 x 5MP Indoor/ Outdoor	 IR 4 x 3MP Indoor/ Outdoor	 IR 4 x 5MP Indoor/ Outdoor
Commercial Type Number		**NDM-7712-A**	**NDM-7713-A**	**NDM-7712-AL**	**NDM-7713-AL**
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪	▪
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	–	–	–	–
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪	▪	▪
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	–	–	–	–
	IVA Pro Privacy (MVC-IVA-PRI)	* Future release	* Future release	* Future release	* Future release
	Intelligent Audio Analytics (MVC-IAA-GUN)	* Future release	* Future release	* Future release	* Future release
Basic features	Maximum resolution	4 × 3MP	4 × 5MP	4 × 3MP	4 × 5MP
	Image sensor type	1/2.8"	1/2.8"	1/2.8"	1/2.8"
	Max. frames per second (fps)	30fps	30fps	30fps	30fps
	High Dynamic Range (HDR)	120dB	120dB	120dB	120dB
	ONVIF conformant	▪	▪	▪	▪
	Built–in microphone	▪	▪	▪	▪
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–	–	–
	Privacy masking	▪	▪	▪	▪
	Upright video mode	▪	▪	▪	▪
	Electronic Image Stabilization (EIS)	–	–	–	–
Bitrate management	Intelligent streaming	▪	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.035 lx	0.035 lx	0.035 lx	0.035 lx
	Minimum illumination night mode (black / white)	0.003 lx	0.003 lx	0.003 lx	0.003 lx
	Max. IR range	–	–	30m	30m
Lens	Automatic varifocal	▪	▪	▪	▪
	Focal length	3.2 mm – 8.1 mm	3.2 mm – 8.1 mm	3.2 mm – 8.1 mm	3.2 mm – 8.1 mm
	Horizontal Field of View (HFoV)	104° – 37°	104° – 37°	104° – 37°	104° – 37°
Storage	Industrial SD card support with health monitoring	Dual microSD	Dual microSD	Dual microSD	Dual microSD
Connections	Alarm input / output	▪	▪	▪	▪
	Audio in / out	▪	▪	▪	▪
	Hybrid / public view monitor	–	–	–	–
Housing	Weather rating	IP66	IP66	IP66	IP66
	Vandal resistant	IK10	IK10	IK10	IK10
	Operating temperature	-50 to 55°C (-58 to 131° F)	-50 to 55°C (-58 to 131° F)	-50 to 55°C (-58 to 131° F)	-50 to 55°C (-58 to 131° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE+ / 24V	PoE+ / 24V	PoE++ / 24V	PoE++ / 24V
Accessories	Modular mount compatible	▪	▪	▪	▪

Multi–imager cameras

▪ Available – Not available

Commercial Type Number		▶FLEXIDOME multi+ 7100i	FLEXIDOME multi+ 7100i IR
		 4 x 5MP Indoor/ Outdoor	 IR 4 x 5MP Indoor/ Outdoor
		NMM-7713-A	NMM-7713-AL
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	–	–
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	–	–
	IVA Pro Privacy (MVC-IVA-PRI)	* Future release	* Future release
	Intelligent Audio Analytics (MVC-IAA-GUN)	* Future release	* Future release
Basic features	Maximum resolution	4 × 5MP	4 × 5MP
	Image sensor type	1/2.8"	1/2.8"
	Max. frames per second (fps)	30fps	30fps
	High Dynamic Range (HDR)	120dB	120dB
	ONVIF conformant	▪	▪
	Built–in microphone	▪	▪
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–
	Privacy masking	▪	▪
	Upright video mode	▪	▪
	Electronic Image Stabilization (EIS)	–	–
Bitrate management	Intelligent streaming	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪
	Multi streaming	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.035 lx	0.035 lx
	Minimum illumination night mode (black / white)	0.003 lx	0.003 lx
	Max. IR range	–	30m
Lens	Automatic varifocal	▪	▪
	Focal length	3.2 mm – 8.1 mm	3.2 mm – 8.1 mm
	Horizontal Field of View (HFoV)	104° – 37°	104° – 37°
Storage	Industrial SD card support with health monitoring	Dual microSD	Dual microSD
Connections	Alarm input / output	▪	▪
	Audio in / out	▪	▪
	Hybrid / public view monitor	–	–
Housing	Weather rating	IP66	IP66
	Vandal resistant	IK10	IK10
	Operating temperature	-40 to 55°C (-40 to 131 °F)	-40 to 55°C (-40 to 131 °F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE++ / 24VDC / 24VAC	PoE++ / 24VDC / 24VAC
Accessories	Modular mount compatible	-	-

Bullet cameras

▪ Available – Not available

▶DINION 3100i IR



IR
2MP



IR
5MP

Commercial Type Number		NBE–3702–AL	NBE–3703–AL
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪
Video Analytics available via license	IVA Pro Perimeter (MVC-IVA-PER)	–	–
	IVA Pro Traffic (MVC-IVA-TRA)	–	–
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	–	–
	IVA Pro Appearance (MVC-IVA-APC)	–	–
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	–	–
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	–	–
	IVA Pro Privacy (MVC-IVA-PRI)	–	–
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–
Basic features	Maximum resolution	2MP	5MP
	Image sensor type	1/2.8"	1/2.7"
	Max. frames per second (fps)	30fps	30fps
	High Dynamic Range (HDR)	120dB	120dB
	ONVIF conformant	▪	▪
	Built–in microphone	–	–
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–
	Privacy masking	▪	▪
	Upright video mode	▪	▪
	Electronic Image Stabilization (EIS)	–	–
Bitrate management	Intelligent streaming	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪
	Multi streaming	3 streams	3 streams
Sensitivity	Minimum illumination day mode (color)	0.06 lux	0.14 lux
	Minimum illumination night mode (black / white)	0.016 lux	0.03 lux
	Max. IR range	30 m	30 m
Lens	Automatic varifocal	▪	▪
	Focal length	3.3 – 10.2 mm	3.3 – 10.2 mm
	Horizontal Field of View (HFoV)	106° - 31°	101° - 30°
Storage	Industrial SD card support with health monitoring	▪	▪
Connections	Alarm input / output	–	–
	Audio in / out	–	–
	Hybrid / public view monitor	–	–
Housing	Weather rating	IP66	IP66
	Vandal resistant	IK10	IK10
	Operating temperature	-30 to 50°C (-22 to 122° F)	-30 to 50°C (-22 to 122° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE	PoE
Accessories	Modular mount compatible	▪	▪

Bullet cameras

▪ Available – Not available

▶DINION 5100i IR



IR
2MP



IR
5MP



IR
8MP

Commercial Type Number		NBE–5702–AL	NBE–5703–AL	NBE–5704–AL
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪	▪
Video Analytics available via license	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪
	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪	▪
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	▪	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–	–
Basic features	Maximum resolution	2MP	5MP	8MP
	Image sensor type	1/2.8"	1/2.7"	1/2.8"
	Max. frames per second (fps)	60fps	30fps	30fps
	High Dynamic Range (HDR)	144dB	120dB	120dB
	ONVIF conformant	▪	▪	▪
	Built–in microphone	–	–	–
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–	–
	Privacy masking	▪	▪	▪
	Upright video mode	▪	▪	▪
	Electronic Image Stabilization (EIS)	▪	▪	▪
Bitrate management	Intelligent streaming	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.021 lux	0.044 lux	0.046 lux
	Minimum illumination night mode (black / white)	0.004 lux	0.01 lux	0.015 lux
	Max. IR range	60m	60m	45m
Lens	Automatic varifocal	▪	▪	▪
	Focal length	3.2 - 10.5 mm (P-iris)	3.2 - 10.5 mm (P-iris)	3.2 - 10.5 mm (P-iris)
	Horizontal Field of View (HFoV)	105° - 31°	96° - 29°	105° - 31°
Storage	Industrial SD card support with health monitoring	▪	▪	▪
Connections	Alarm input / output	▪	▪	▪
	Audio in / out	▪	▪	▪
	Hybrid / public view monitor	–	–	–
Housing	Weather rating	IP66 / IP67	IP66 / IP67	IP66 / IP67
	Vandal resistant	IK10	IK10	IK10
	Operating temperature	-40 to 55°C (-40 to 131° F)	-40 to 55°C (-40 to 131° F)	-40 to 55°C (-40 to 131° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / 12V / 24V	PoE / 12V / 24V	PoE / 12V / 24V
Accessories	Modular mount compatible	▪	▪	▪

Bullet cameras

▪ Available – Not available

▶DINION 7100i IR



HDR X
Wide angle
IR
2MP



HDR X
Tele
IR
2MP



HDR X
Wide angle
IR
4MP



HDR X
Tele
IR
4MP

Commercial Type Number		NBE–7702–ALX	NBE–7702–ALXT	NBE–7703–ALX	NBE–7703–ALXT
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪	▪	▪
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪	▪	▪
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	▪	▪	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–	–	–
Basic features	Maximum resolution	2MP	2MP	4MP	4MP
	Image sensor type	1/1.8"	1/1.8"	1/1.8"	1/1.8"
	Max. frames per second (fps)	60fps	60fps	60fps	60fps
	High Dynamic Range (HDR)	146dB HDR X	146dB HDR X	141dB HDR X	141dB HDR X
	ONVIF conformant	▪	▪	▪	▪
	Built–in microphone	–	–	–	–
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–	–	–
	Privacy masking	▪	▪	▪	▪
	Upright video mode	▪	▪	▪	▪
	Electronic Image Stabilization (EIS)	▪	▪	▪	▪
Bitrate management	Intelligent streaming	▪	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.0061 lux	0.0061 lux	0.0078 lux	0.0078 lux
	Minimum illumination night mode (black / white)	0.0011 lux	0.0011 lux	0.0011 lux	0.0013 lux
	Max. IR range	80 m	140 m	80 m	140 m
Lens	Automatic varifocal	▪	▪	▪	▪
	Focal length	4.7 - 10 mm (P-iris)	10.5 - 47 mm (P-iris)	4.7 - 10 mm (P-iris)	10.5 - 47 mm (P-iris)
	Horizontal Field of View (HFoV)	103° - 53°	42° - 9°	103° - 53°	42° - 9°
Storage	Industrial SD card support with health monitoring	Dual microSD	Dual microSD	Dual microSD	Dual microSD
Connections	Alarm input / output	▪	▪	▪	▪
	Audio in / out	▪	▪	▪	▪
	Hybrid / public view monitor	–	–	–	–
Housing	Weather rating	IP67	IP67	IP67	IP67
	Vandal resistant	IK10	IK10	IK10	IK10
	Operating temperature	-50 to +60°C (-58 to +140° F)	-50 to +60°C (-58 to +140° F)	-50 to +60°C (-58 to +140° F)	-50 to +60°C (-58 to +140° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / 12V / 24V	PoE / 12V / 24V	PoE / 12V / 24V	PoE / 12V / 24V
Accessories	Modular mount compatible	▪	▪	▪	▪

Bullet cameras

▪ Available – Not available

		▶DINION 7100i IR		
		 Wide angle, IR, 8MP	 Tele, IR, 8MP	 HDR X, Wide angle, IR, 8MP
Commercial Type Number		**NBE-7704-AL**	**NBE-7704-ALT**	**NBE-7704-ALX**
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪	▪
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪	▪
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	▪	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–	–
Basic features	Maximum resolution	8MP	8MP	8MP
	Image sensor type	1/1.8"	1/1.2"	1/1.2"
	Max. frames per second (fps)	30fps	30fps	30fps
	High Dynamic Range (HDR)	120dB	120dB	128dB HDR X
	ONVIF conformant	▪	▪	▪
	Built–in microphone	–	–	–
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–	–
	Privacy masking	▪	▪	▪
	Upright video mode	▪	▪	▪
	Electronic Image Stabilization (EIS)	▪	▪	▪
Bitrate management	Intelligent streaming	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.054 lux	0.0899 lux	0.0122 lux
	Minimum illumination night mode (black / white)	0.0098 lux	0.0095 lux	0.0015 lux
	Max. IR range	80 m	120 m	80 m
Lens	Automatic varifocal	▪	▪	▪
	Focal length	4.4 - 10 mm (P-iris)	12 - 38 mm (P-iris)	5.9 - 13 mm (P-iris)
	Horizontal Field of View (HFoV)	108° - 44°	35.8° - 12.1°	110° - 48°
Storage	Industrial SD card support with health monitoring	Dual microSD	Dual microSD	Dual microSD
Connections	Alarm input / output	▪	▪	▪
	Audio in / out	▪	▪	▪
	Hybrid / public view monitor	–	–	–
Housing	Weather rating	IP67	IP67	IP67
	Vandal resistant	IK10	IK10	IK10
	Operating temperature	-50 to +60°C (-58 to +140° F)	-50 to +60°C (-58 to +140° F)	-50 to +60°C (-58 to +140° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / 12V / 24V	PoE / 12V / 24V	PoE / 12V / 24V
Accessories	Modular mount compatible	▪	▪	▪

Box cameras

▪ Available – Not available

		▶DINION 7100s	▶DINION 7100s	▶DINION 7100s	▶DINION 7100s
		 HDR X, Wide angle, 2MP	 HDR X, Tele, 2MP	 HDR X, Wide angle, 4MP	 HDR X, Tele, 4MP
Commercial Type Number		**NBI-7802-AX**	**NBI-7802-AXT**	**NBI-7803-AX**	**NBI-7803-AXT**
Video Analytics (pre-installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪	▪
Video Analytics (available via license)	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪	▪	▪
	IVA Pro License Plate (MVC-IVA-LPR) IVA Pro Vehicle Make Model (MVC-IVA-MMR) IVA Pro License Plate + Make Model (MVC-IVA-LPRX) IVA Pro Dangerous Good Signs (MVC-IVA-DGS)	▪	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–	–	–
Basic features	Maximum resolution	2MP	2MP	4MP	2MP
	Image sensor type	1/1.8"	1/1.8"	1/1.8"	1/1.8"
	Max. frames per second (fps)	60fps	60fps	60fps	60fps
	High Dynamic Range (HDR)	144dB HDR X	144dB HDR X	144dB HDR X	144dB HDR X
	ONVIF conformant	▪	▪	▪	▪
	Built-in microphone	–	–	–	–
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–	–	–
	Privacy masking	▪	▪	▪	▪
	Upright video mode	▪	▪	▪	▪
	Electronic Image Stabilization (EIS)	▪	▪	▪	▪
Bitrate management	Intelligent streaming	▪	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪	▪
	Multi streaming	▪	▪	▪	▪
Sensitivity	Minimum illumination day mode (color)	0.008 lux	0.007 lux	0.009 lux	0.008 lux
	Minimum illumination night mode (black / white)	0.0007 lx	0.0008 lx	0.0008 lx	0.0009 lx
	Max. IR range	–	–	–	–
Lens	Automatic varifocal	▪	▪	▪	▪
	Focal length	4.4-10mm	10.5-47mm	4.4-10mm	10.5-47mm
	Horizontal Angle of View (HAoV)	103° – 49°	41.60° – 9.30°	103° – 49°	41.60° – 9.30°
Storage	Industrial SD card support with health monitoring	▪	▪	▪	▪
Connections	Alarm input / output	▪	▪	▪	▪
	Audio in / out	–	–	–	–
	Hybrid / public view monitor	▪	▪	▪	▪
Housing	Weather rating	–	–	–	–
	Vandal resistant	–	–	–	–
	Operating temperature	-20 to 55°C	-20 to 55°C	-20 to 55°C	-20 to 55°C
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / ▪ / ▪	PoE / ▪ / ▪	PoE / ▪ / ▪	PoE / ▪ / ▪
Accessories	Modular mount compatible	–	–	–	–

** Lens not included

Box cameras

▪ Available – Not available

		▶DINION 7100s	▶DINION 7100s
		 HDR X Tele 4MP GenAI	 HDR X Tele 4MP GenAI
Commercial Type Number		**NBI-7803S-AX**	**NBI-7803S-AXT**
Video Analytics (pre-installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪
Video Analytics (available via license)	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪
	IVA Pro License Plate (MVC-IVA-LPR) IVA Pro Vehicle Make Model (MVC-IVA-MMR) IVA Pro License Plate + Make Model (MVC-IVA-LPRX) IVA Pro Dangerous Good Signs (MVC-IVA-DGS)	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–
Basic features	Maximum resolution	4MP	4MP
	Image sensor type	1/1.8"	1/1.8"
	Max. frames per second (fps)	60fps	60fps
	High Dynamic Range (HDR)	144dB HDR X	144dB HDR X
	ONVIF conformant	▪	▪
	Built-in microphone	–	–
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–	–
	Privacy masking	▪	▪
	Upright video mode	▪	▪
	Electronic Image Stabilization (EIS)	▪	▪
Bitrate management	Intelligent streaming	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪
	Multi streaming	▪	▪
Sensitivity	Minimum illumination day mode (color)	0.009 lux	0.008 lux
	Minimum illumination night mode (black / white)	0.0008 lx	0.0009 lx
	Max. IR range	–	–
Lens	Automatic varifocal	▪	▪
	Focal length	4.4-10mm	10.5-47mm
	Horizontal Angle of View (HAoV)	103° – 49°	41.60° – 9.30°
Storage	Industrial SD card support with health monitoring	▪	▪
Connections	Alarm input / output	▪	▪
	Audio in / out	–	–
	Hybrid / public view monitor	▪	▪
Housing	Weather rating	–	–
	Vandal resistant	–	–
	Operating temperature	-20 to 55°C	-20 to 55°C
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / ▪ / ▪	PoE / ▪ / ▪
Accessories	Modular mount compatible	–	–

** Lens not included

Special cameras

▪ Available – Not available

▶FLEXIDOME corner 7100i IR



Wide angle

IR

6MP

Commercial Type Number		NCE–7703–FK
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	–
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	–
	IVA Pro Appearance (MVC-IVA-APC)	–
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	–
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	–
	Intelligent Audio Analytics (MVC-IAA-GUN)	▪
Basic features	Maximum resolution	6MP
	Image sensor type	1/1.8"
	Max. frames per second (fps)	30fps
	High Dynamic Range (HDR)	120dB
	ONVIF conformant	▪
	Built–in microphone	▪
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	–
	Privacy masking	▪
	Upright video mode	–
	Electronic Image Stabilization (EIS)	–
Bitrate management	Intelligent streaming	▪
	Compression (H.265 / H.264 & MJPEG)	▪
	Multi streaming	4 streams
Sensitivity	Minimum illumination day mode (color)	0.072 lux
	Minimum illumination night mode (black / white)	0.014 lux
	Max. IR range	15 m
Lens	Automatic varifocal	▪
	Focal length	2.5 mm
	Horizontal Field of View (HFoV)	131.1°
Storage	Industrial SD card support with health monitoring	microSD
Connections	Alarm input / output	▪
	Audio in / out	▪
	Hybrid / public view monitor	–
Housing	Weather rating	IP66
	Vandal resistant	IK10+
	Operating temperature	-10 to +50°C (14 to 122° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / 12V / 24V
Accessories	Modular mount compatible	–

Thermal cameras

▶DINION thermal 8100i



QVGA thermal



QVGA thermal



QVGA thermal



QVGA thermal

▪ Available – Not available

Commercial Type Number		NBT-8700-F03QF	NBT-8700-F05QF	NBT-8700-F09QF	NBT-8700-F18QF
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	-	-	-	-
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	-	-	-	-
	IVA Pro Appearance (MVC-IVA-APC)	-	-	-	-
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	-	-	-	-
	IVA Pro License Plate (MVC-IVA-LPR), IVA Pro Vehicle Make Model (MVC-IVA-MMR), IVA Pro Dangerous Good Signs (MVC-IVA-DGS)	–	–	–	–
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–	–	–
Basic features	Maximum resolution	QVGA	QVGA	QVGA	QVGA
	Image sensor type	Uncooled VOx microbolometer	Uncooled VOx microbolometer	Uncooled VOx microbolometer	Uncooled VOx microbolometer
	Max. frames per second (fps)	30fps	30fps	30fps	30fps
	Spectral range (µm)	8 µm - 14 µm	8 µm - 14 µm	8 µm - 14 µm	8 µm - 14 µm
	ONVIF conformant	▪	▪	▪	▪
	Built–in microphone	-	-	-	-
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	-	-	-	-
	Privacy masking	▪	▪	▪	▪
	Upright video mode	▪	▪	▪	▪
	Electronic Image Stabilization (EIS)	-	-	-	-
Bitrate management	Intelligent streaming	▪	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams	4 streams
Sensitivity	Sensitivity (NETD)	< 30 mK at 25°C	< 30 mK at 25°C	< 30 mK at 25°C	< 30 mK at 25°C
	Minimum illumination night mode (black / white)	0 lux	0 lux	0 lux	0 lux
	Detection range	32m (Person) 58m (Vehicle)	64m (Person) 115m (Vehicle)	124m (Person) 224m (Vehicle)	250m (Person) 447m (Vehicle)
Lens	Lens type	Fixed focus, athermalized	Fixed focus, athermalized	Fixed focus, athermalized	Fixed focus, athermalized
	Focal length	3mm	5mm	9mm	18mm
	Horizontal Field of View (HFoV)	80°	45°	24°	12°
Storage	Industrial SD card support with health monitoring	Dual microSD	Dual microSD	Dual microSD	Dual microSD
Connections	Alarm input / output	▪	▪	▪	▪
	Audio in / out	▪	▪	▪	▪
	Hybrid / public view monitor	-	-	-	-
Housing	Weather rating	IP67	IP67	IP67	IP67
	Vandal resistant	IK10	IK10	IK10	IK10
	Operating temperature	-40 to 55°C (-40 to 131° F)	-40 to 55°C (-40 to 131° F)	-40 to 55°C (-40 to 131° F)	-40 to 55°C (-40 to 131° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / 12V / 24V	PoE / 12V / 24V	PoE / 12V / 24V	PoE / 12V / 24V
Accessories	Modular mount compatible	▪	▪	▪	▪

Thermal cameras

▪ Available – Not available

▶DINION thermal 8100i



VGA
thermal



VGA
thermal



VGA
thermal



VGA
thermal

Commercial Type Number		NBT-8701-F06VF	NBT-8701-F14VF	NBT-8701-F25VF	NBT-8701-F42VF
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	-	-	-	-
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	-	-	-	-
	IVA Pro Appearance (MVC-IVA-APC)	-	-	-	-
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	-	-	-	-
	IVA Pro License Plate (MVC-IVA-LPR), IVA Pro Vehicle Make Model (MVC-IVA-MMR), IVA Pro Dangerous Good Signs (MVC-IVA-DGS)	–	–	–	–
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–	–	–
Basic features	Maximum resolution	VGA	VGA	VGA	VGA
	Image sensor type	Uncooled VOx microbolometer	Uncooled VOx microbolometer	Uncooled VOx microbolometer	Uncooled VOx microbolometer
	Max. frames per second (fps)	30fps	30fps	30fps	30fps
	Spectral range (µm)	8 µm - 14 µm	8 µm - 14 µm	8 µm - 14 µm	8 µm - 14 µm
	ONVIF conformant	▪	▪	▪	▪
	Built–in microphone	-	-	-	-
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	-	-	-	-
	Privacy masking	▪	▪	▪	▪
	Upright video mode	▪	▪	▪	▪
	Electronic Image Stabilization (EIS)	-	-	-	-
Bitrate management	Intelligent streaming	▪	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams	4 streams
Sensitivity	Sensitivity (NETD)	< 30 mK at 25°C	< 30 mK at 25°C	< 30 mK at 25°C	< 30 mK at 25°C
	Minimum illumination night mode (black / white)	0 lux	0 lux	0 lux	0 lux
	Detection range	77m (Person) 138m (Vehicle)	194m (Person) 349m (Vehicle)	353m (Person) 622m (Vehicle)	586m (Person) 981m (Vehicle)
Lens	Lens type	Fixed focus, athermalized	Fixed focus, athermalized	Fixed focus, athermalized	Fixed focus, athermalized
	Focal length	6mm	14mm	25mm	42mm
	Horizontal Field of View (HFoV)	70°	31°	17°	10°
Storage	Industrial SD card support with health monitoring	Dual microSD	Dual microSD	Dual microSD	Dual microSD
Connections	Alarm input / output	▪	▪	▪	▪
	Audio in / out	▪	▪	▪	▪
	Hybrid / public view monitor	-	-	-	-
Housing	Weather rating	IP67	IP67	IP67	IP67
	Vandal resistant	IK10	IK10	IK10	IK10
	Operating temperature	-40 to 55°C (-40 to 131° F)	-40 to 55°C (-40 to 131° F)	-40 to 55°C (-40 to 131° F)	-40 to 55°C (-40 to 131° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / 12V / 24V	PoE / 12V / 24V	PoE / 12V / 24V	PoE / 12V / 24V
Accessories	Modular mount compatible	▪	▪	▪	▪

Moving cameras PTZ

▪ Available – Not available

		▶AUTODOME IP starlight 5000i		▶AUTODOME IP starlight 5000i IR	▶AUTODOME IP starlight 5100i IR
		 30x zoom 2MP	 30x zoom 2MP Inceiling	 30x zoom IR 2MP	 HDR X 30x zoom IR 4MP
Commercial Type Number		**NDP-5522-Z30**	**NDP-5522-Z30C**	**NDP-5522-Z30L**	**NDP-5533-Z30L**
Video Analytics	Essential Video Analytics	▪	▪	▪	▪
Basic features	Maximum resolution	2MP	2MP	2MP	4MP
	Image sensor type	1/2.8"	1/2.8"	1/2.8"	1/1.8"
	Max. frames per second (fps)	60fps	60fps	60fps	60fps
	High Dynamic Range (HDR)	120dB	120dB	120dB	133dB HDR X
	ONVIF conformant	▪	▪	▪	▪
	Built-in microphone	-	-	-	-
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	-	-	-	-
	Privacy masking	▪	▪	▪	▪
	Upright video mode	-	-	-	-
	Electronic Image Stabilization (EIS)	-	-	-	-
Bitrate management	Intelligent streaming	-	-	-	-
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.0186 lux	0.0186 lux	0.0186 lux	0.0101 lux
	Minimum illumination night mode (black / white)	0.004 lux	0.004 lux	0 lux (IR on)	0 lux (IR on)
	Max. IR range	-	-	180m	320m
Lens	PTZ zoom optical / digital	30x / 16x	30x / 16x	30x / 16x	30x / 16x
	Tilt angle	–90° to +0°	–90° to +0°	–90° to +3°	–90° to +5°
	Focal length	4.5 - 135 mm	4.5 - 135 mm	4.5 - 135 mm	6.6 - 198 mm
	Horizontal Field of View (HFoV)	60.9° - 2.4°	60.9° - 2.4°	60.9° - 2.4°	58.5° - 2.1°
Storage	Industrial SD card support with health monitoring	▪	▪	▪	▪
Connections	Alarm input / output	2 / 1	2 / 1	2 / 1	2 / 1
	Audio in / out	▪	▪	▪	▪
	Hybrid / public view monitor	-	-	-	-
Housing	Weather rating	IP66	IP51	IP66	IP66
	Vandal resistant	IK10	IK06	IK10	IK10
	Operating temperature	-40 to 60°C (-40 to 140° F)	-10 to 55°C (-14 to 131° F)	-40 to 60°C (-40 to 140° F)	-40 to 60°C (-40 to 140° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE+ / 24VAC	PoE+ / 24VAC	PoE+ / 24VAC	PoE+ / 24VAC
Accessories	Modular mount compatible	▪	▪	▪	▪

Moving cameras PTZ

▪ Available – Not available

		▶AUTODOME 7100i	▶AUTODOME 7100i IR	
		 40x zoom 2MP	 40x zoom IR 2MP	 12x zoom IR 8MP
Commercial Type Number		**NDP–7802–Z40**	**NDP–7802–Z40L**	**NDP–7804–Z12L**
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪	▪
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	-	-	-
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	-	-	-
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	–	–	–
	IVA Pro Intelligent Tracking (MVC-IVA-IT)	▪	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	-	-	-
Basic features	Maximum resolution	2MP	2MP	8MP
	Image sensor type	1/2.8"	1/2.8"	1"
	Max. frames per second (fps)	60fps	60fps	30fps
	High Dynamic Range (HDR)	120dB	120dB	N/A
	ONVIF conformant	▪	▪	▪
	Built–in microphone	-	-	-
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	-	-	-
	Privacy masking	▪	▪	▪
	Upright video mode	-	-	-
	Electronic Image Stabilization (EIS)	▪	▪	▪
Bitrate management	Intelligent streaming	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪	▪
	Multi streaming	4 streams	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.00067 lux	0.00067 lux	0.292 lux
	Minimum illumination night mode (black / white)	0.0010 lux	0 lux (IR on)	0 lux (IR on)
	Max. IR range	-	300m	200m
Lens	PTZ zoom optical / digital	40x / 32x	40x / 32x	12x / 12x
	Tilt angle	–90° to +20°	–90° to +20°	–90° to +20°
	Focal length	4.25 - 170mm	4.25 - 170mm	9.3 - 111.6mm
	Horizontal Field of View (HFoV)	66.35° - 1.9°	66.35° - 1.9°	64.6° - 6.1°
Storage	Industrial SD card support with health monitoring	▪	▪	▪
Connections	Alarm input / output	▪	▪	▪
	Audio in / out	▪	▪	▪
	Hybrid / public view monitor	-	-	-
Housing	Weather rating	IP66	IP66	IP66
	Vandal resistant	IK10	IK10	IK10
	Operating temperature	-40 to 60°C (-40 to 140° F)	-40 to 50°C (-40 to 122° F)	-40 to 50°C (-40 to 122° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / 36VDC / 24VAC	PoE / 36VDC / 24VAC	PoE / 36VDC / 24VAC
Accessories	Modular mount compatible	▪	▪	▪

Moving cameras PTZ

▪ Available – Not available

		▶AUTODOME 7100s	▶AUTODOME 7100s IR
		30x zoom 4MP	30x zoom IR 4MP
			
Commercial Type Number		**NDP-7803S-Z30**	**NDP-7803S-Z30L**
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	–	–
	IVA Pro Intelligent Tracking (MVC-IVA-IT)	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	-	-
Basic features	Maximum resolution	4MP	4MP
	Image sensor type	1/1.8"	1/1.8"
	Max. frames per second (fps)	60fps	60fps
	High Dynamic Range (HDR)	133dB HDR X	133dB HDR X
	ONVIF conformant	▪	▪
	Built–in microphone	-	-
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	-	-
	Privacy masking	▪	▪
	Upright video mode	-	-
	Electronic Image Stabilization (EIS)	▪	▪
Bitrate management	Intelligent streaming	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪
	Multi streaming	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.0168 lux	0.0168 lux
	Minimum illumination night mode (black / white)	0.0017 lux	0 lux (IR on)
	Max. IR range	-	550m
Lens	PTZ zoom optical / digital	30x / 16x	30x / 16x
	Tilt angle	–90° to +20°	–90° to +20°
	Focal length	6.6 - 198mm	6.6 - 198mm
	Horizontal Field of View (HFoV)	58.7° - 2.2°	58.7° - 2.2°
Storage	Industrial SD card support with health monitoring	▪	▪
Connections	Alarm input / output	▪	▪
	Audio in / out	▪	▪
	Hybrid / public view monitor	-	-
Housing	Weather rating	IP66	IP66
	Vandal resistant	IK10	IK10
	Operating temperature	-40 to 60°C (-40 to 140° F)	-40 to 50°C (-40 to 122° F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE++/ 36VDC / 24VAC	PoE++/ 36VDC / 24VAC
Accessories	Modular mount compatible	▪	▪

Moving cameras PTZ

▪ Available – Not available

▶MIC IP starlight 7100i		▶MIC IP ultra 7100i	▶MIC IP fusion 9000i
 2MP	 2MP Enhanced version	 8MP Enhanced version	 2MP

Commercial Type Number		MIC–7522–Z30x	MIC–7522–Z30xR	MIC–7505–Z12xR	MIC–9502–Z30xxx
Video Analytics	Intelligent Video Analytics (including standard Intelligent Tracking)	▪	▪	▪	▪ (Thermal and Optical)
Bitrate management	Intelligent Dynamic Noise Reduction	▪	▪	▪	▪
	Intelligent streaming	▪	▪	▪	▪
	Compression (H.265 / H.264 & MJPEG) / multi–streaming	▪/▪/4 streams	▪/▪/4 streams	▪/▪/4 streams	▪/4 streams (optical + thermal)
Basic features	Maximum resolution	HD 1080p	HD 1080p	4K UHD	HD 1080p (optical) / 320/640 pixel (thermal)
	Image sensor type	1/2"	1/2"	1"	1/2 8" CMPS (optical) / Un–cooled microbolometer (thermal)
	Max. frames per second (fps)	60 fps@ 1080p	60 fps@ 1080p	30 fps@ UHD	60 fps@1080p (optical) <9/30 fps w/640 pixel (thermal) <9/60 fps w/320 pixel (thermal)
	Indoor / outdoor	–/▪	–/▪	–/▪	–/▪
	Day / night	▪	▪	▪	▪ (optical)
	Wide Dynamic Range (WDR)	120dB	120dB	62dB	120dB
	ONVIF conformant	▪	▪	▪	▪
Advanced features	Intelligent Auto Exposure / Intelligent Defog	–/▪	–/▪	–/▪	–/▪
	Privacy masking	▪	▪	▪	▪
	Nbr of presets/guard tours	256/2	256/2	265/2	256/2
	Wiper / Built-in window defroster	▪/–	▪/▪	▪/▪	▪
	Intelligent Tracking	▪	▪	▪	▪
Alarm triggering	Tamper detection / Video motion detection	▪/▪	▪/▪	▪/▪	▪/▪
	PTZ Intelligent Tracking	▪	▪	▪	▪
Sensitivity	Minimum illumination day mode (color)	0.0047 lux	0.0047 lux	0.292 lux	0.0077 lux (optical) N.A. (thermal)
	Minimum illumination night mode (black / white)	0.0013 lux	0.0013 lux	0.0110 lux	0.0008 lux (optical) 0 lux (thermal)
	Night vision	▪ (optional illuminator)	▪ (optional illuminator)	▪ (optional illuminator)	▪ (thermal)
	Max. range at night	550 m (1804 ft)	550 m (1804 ft)	300 m (984 ft)	300 m (971 ft) (optical), 1540 m (5050 ft) w/320 pixel (thermal), 3550 m (11,600 ft) w/640 pixel (thermal)
Lens	Focal length	6.6 - 198 mm	6.6 - 198 mm	9.3 - 111.6 mm	4.3 - 129 mm (optical), 9 mm w/640 pixel (thermal), 19 mm w/320 pixel (thermal), 50 mm w/640 pixel (thermal)
	Horizontal Angle of View (HAoV)	2.1° to 58.3°	2.1° to 58.3°	6.1° to 64.6°	2.3° to 63.7° (optical) 16° w/320 pixel, 12.4° w/50 mm 640 pixel thermal 70° w / 9 mm 640 pixel thermal
	PTZ Zoom optical/digital	30x / 12x	30x / 12x	12x / 12x	30x / 12x
	Tilt angle	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN–IEC 62676–4 standard)	wide 69-226/27-89/14-46/7-23 tele 2895-6873/834-2726/419-1375/ 210-689	wide 69-226/27-89/14-46/7-23 tele 2895-6873/834-2726/419-1375/ 210-689	wide 108-355/43-142/22-71/11-36 tele 154-504/61-202/31-101/15-50	62-1913/25-765/12-383/6-191
Storage	Memory card slot	–	▪ (up to 2TB)	▪ (up to 2TB)	▪ internal EMMC memory 16GB
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	5/3 (with MIC–ALM–WAS–24)	5/3 (with MIC–ALM–WAS–24)	5/3 (with MIC–ALM–WAS–24)	5/3 (with MIC–ALM–WAS–24)
	Audio in / out	▪	▪	▪	▪/▪
	Hybrid / public view monitor	▪ (with external decoder)/–	▪ (with external decoder)/–	▪ (with external decoder)/–	–
Housing	Weather rating	IP68	IP68	IP68	IP68
	Vandal resistant	IK10	IK10	IK10	IK10
	Operating temperature	-40° to +65°C (-40° to +149° F)	-40° to +65°C (-40° to +149° F)	-40° to +65°C (-40° to +149° F)	-40° to 65°C (-40° to 149° F)
Power input	Power over Ethernet / 12VDC / 24VAC	▪ HiPoE /–/▪	▪ HiPoE /–/▪	▪ HiPoE /–/▪	▪ (HiPoE)/–/▪

Enhanced version: Features anti-backlash drive train and window defroster

Moving cameras PTZ

▪ Available – Not available

▶MIC 7100s



30x zoom

4MP



30x zoom

4MP

Enhanced Version

Commercial Type Number		MIC-7803S-Z30x	MIC-7803S-Z30xR
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪
	IVA Pro License Plate Recognition (MVC-IVA-LPR), Vehicle Make Model (MVC-IVA-MMR), Dangerous Good Signs (MVC-IVA-DGS)	–	–
	IVA Pro Intelligent Tracking (MVC-IVA-IT)	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	-	-
Basic features	Maximum resolution	4MP	4MP
	Image sensor type	1/1.8"	1/1.8"
	Max. frames per second (fps)	60fps	60fps
	High Dynamic Range (HDR)	133dB HDR X	133dB HDR X
	ONVIF conformant	▪	▪
	Built–in microphone	-	-
Advanced features	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	-	-
	Privacy masking	▪	▪
	Upright video mode	-	-
	Electronic Image Stabilization (EIS)	▪	▪
Bitrate management	Intelligent streaming	▪	▪
	Compression (H.265 / H.264 & MJPEG)	▪	▪
	Multi streaming	4 streams	4 streams
Sensitivity	Minimum illumination day mode (color)	0.0168 lux	0.0168 lux
	Minimum illumination night mode (black / white)	0.0017 lux	0.0017 lux
	Max. IR range	550m / 1,804 ft (Optional)	550m / 1,804 ft (Optional)
Lens	PTZ zoom optical / digital	30x / 16x	30x / 16x
	Tilt angle	–90° to +60° (inverted)	–90° to +60° (inverted)
	Focal length	6.6 - 198mm	6.6 - 198mm
	Horizontal Field of View (HFoV)	58.5° - 2.1°	58.5° - 2.1°
Storage	Industrial SD card support with health monitoring	Dual microSD	Dual microSD
Connections	Alarm input / output	-	-
	Audio in / out	-	-
	Hybrid / public view monitor	-	-
Housing	Weather rating	IP68	IP68
	Vandal resistant	IK10	IK10
	Operating temperature	-40 to 65°C (-40 to 149 °F)	-40 to 65°C (-40 to 149 °F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE++/ 36VDC / 24VAC	PoE++/ 36VDC / 24VAC
Accessories	Modular mount compatible	-	-

Enhanced version: Features anti-backlash drive train and window defroster

Moving cameras PTZ

▶MIC fusion 9100s



30x zoom
4MP



30x zoom
4MP



30x zoom
4MP



30x zoom
4MP

▪ Available – Not available

Commercial Type Number		MIC-9803S-Z30×06V	MIC-9803S-Z30×14V	MIC-9803S-Z30×18Q	MIC-9803S-Z30×42V
Video Analytics (Pre–installed)	IVA Pro Buildings (MVC-IVA-BLD)	▪	▪	▪	▪
	IVA Pro Perimeter (MVC-IVA-PER)	▪	▪	▪	▪
	IVA Pro Privacy (MVC-IVA-PRI)	▪	▪	▪	▪
Video Analytics available via license	IVA Pro Traffic (MVC-IVA-TRA)	▪	▪	▪	▪
	IVA Pro Visual Gun Detection (MVC-IVA-VGD)	▪	▪	▪	▪
	IVA Pro Appearance (MVC-IVA-APC)	▪	▪	▪	▪
	IVA Pro Personal Protective Equipment (MVC-IVA-PPE)	▪	▪	▪	▪
	IVA Pro License Plate (MVC-IVA-LPR), IVA Pro Vehicle Make Model (MVC-IVA-MMR), IVA Pro Dangerous Good Signs (MVC-IVA-DGS)	–	–	–	–
	IVA Pro Intelligent Tracking (MVC-IVA-IT)	▪	▪	▪	▪
	Intelligent Audio Analytics (MVC-IAA-GUN)	–	–	–	–
Basic features (Optical)	Maximum resolution	4MP	4MP	4MP	4MP
	Image sensor type	1/1.8"	1/1.8"	1/1.8"	1/1.8"
	Max. frames per second (fps)	60fps	60fps	60fps	60fps
	High Dynamic Range (HDR)	133dB HDR X	133dB HDR X	133dB HDR X	133dB HDR X
Basic features (Thermal)	Maximum resolution	VGA	VGA	VGA	VGA
	Image sensor type	Uncooled VOx microbolometer	Uncooled VOx microbolometer	Uncooled VOx microbolometer	Uncooled VOx microbolometer
	Max. frames per second (fps)	30fps	30fps	30fps	30fps
	Spectral range (µm)	8 µm - 14 µm	8 µm - 14 µm	8 µm - 14 µm	8 µm - 14 µm
	ONVIF conformant	▪	▪	▪	▪
	Built-in microphone	-	-	-	-
Advanced features	Privacy masking	▪	▪	▪	▪
	Electronic Image Stabilization (EIS)	▪	▪	▪	▪
Bitrate management	Intelligent streaming / H.265, H.264, MJPEG / 4 streams	▪	▪	▪	▪
Sensitivity	Minimum illumination day mode (color)	0.0168 lux	0.0168 lux	0.0168 lux	0.0168 lux
	Minimum illumination night mode (black / white)	0.0017 lux	0.0017 lux	0.0017 lux	0.0017 lux
	Max. IR range	550m / 1,804ft (Optional)	550m / 1,804ft (Optional)	550m / 1,804ft (Optional)	550m / 1,804ft (Optional)
Lens (optical)	PTZ zoom optical / digital	30x / 16x	30x / 16x	30x / 16x	30x / 16x
	Tilt angle	–90° to +60° (inverted)	–90° to +60° (inverted)	–90° to +60° (inverted)	–90° to +60° (inverted)
	Focal length	6.6 - 198mm	6.6 - 198mm	6.6 - 198mm	6.6 - 198mm
	Horizontal Field of View (HFoV)	58.5° - 2.1°	58.5° - 2.1°	58.5° - 2.1°	58.5° - 2.1°
Lens (thermal)	Lens type	Fixed focus, athermalized	Fixed focus, athermalized	Fixed focus, athermalized	Fixed focus, athermalized
	Focal length	6mm	14mm	18mm	42mm
	Horizontal Field of View (HFoV)	70°	31°	12°	10°
	Detection range	777m / 253ft (Person) 138m / 453ft (Vehicle)	194m / 637ft (Person) 349m / 1,145ft (Vehicle)	250m / 820ft (Person) 447m / 1467ft (Vehicle)	586m / 1,923ft (Person) 981m / 321ft (Vehicle)
Storage	Industrial SD card support with health monitoring	Dual microSD	Dual microSD	Dual microSD	Dual microSD
Housing	Weather rating / Vandal resistant / Operating temperature	IP68 / IK10 / -40 to 65°C (-40 to 149 °F)	IP68 / IK10 / -40 to 65°C (-40 to 149 °F)	IP68 / IK10 / -40 to 65°C (-40 to 149 °F)	IP68 / IK10 / -40 to 65°C (-40 to 149 °F)
Power input	Power over Ethernet / 12VDC / 24VAC	PoE++/ 36VDC / 24VAC	PoE++/ 36VDC / 24VAC	PoE++/ 36VDC / 24VAC	PoE++/ 36VDC / 24VAC

All–in–one video recording and management

All–in–one solution

▶DIVAR IP all–in–one 4000



▶DIVAR IP all–in–one 6000



▶DIVAR IP all–in–one 7000 2U



▶DIVAR IP all–in–one 7000 3U



▪ Available – Not available

Commercial Type Number		DIP–442xxx–xxx	DIP–644x–xxx	DIP–74Cx–xxx	DIP–74Gx–xxx
Basic functions	Max. system size (channels)	32	64	256	256
	Embedded video management	▪	▪	▪	▪
	RAID Level	–	RAID–5, RAID–6	RAID–5, RAID–6	RAID–5, RAID–6
	Operating system drive	On separate SSD	On separate SSD	On separate redundant SSD	On separate redundant SSD
	Supported resolutions	CIF/2CIF/4CIF/720p/1080p/ 5MP/UHD	CIF/2CIF/4CIF/720p/1080p/ 5MP/UHD	CIF/2CIF/4CIF/720p/1080p/ 5MP/UHD	CIF/2CIF/4CIF/720p/1080p/ 5MP/UHD
	Video compression	H.264, H.265, MPEG–4, ONVIF, RTSP, JPEG	H.264, H.265, MPEG–4, ONVIF, RTSP, JPEG	H.264, H.265, MPEG–4, ONVIF, RTSP, JPEG	H.264, H.265, MPEG–4, ONVIF, RTSP, JPEG
	Transcoding	▪	▪	▪	▪
	ONVIF	▪	▪	▪	▪
Mechanical	Form factor	2–bay Mini–Tower	1U 19–inch Rack Mount	2U 19–inch Rack Mount	3U 19–inch Rack Mount
	Network connections (LAN)	2x Gigabit Ethernet	2x Gigabit Ethernet, 1× 1 Gbps (Mgmt)	2x Gigabit Ethernet, 1× 1 Gbps (Mgmt)	2x Gigabit Ethernet, 1× 1 Gbps (Mgmt)
	USB ports	2x USB2.0, 4x USB3.2 Gen2	2x USB2.0, 4x USB3.2 Gen2	4x USB3.2 Gen1	4x USB3.2 Gen1
	Number of power supplies	1	1	2	2
	Power supplies hot swappable	–	–	▪	▪
Video output	Connector type	1 HDMI2.0, 1 HDMI1.4, 1 DP 1.2	2x DP 1.2, 1x DVI–D	2 x HDMI2.0	2 x HDMI2.0
	Monitor output	3	3	2	2
Audio	In / out channels	32	64	256	256
	Compression type	G.711, G.726, AAC	G.711, G.726, AAC	G.711, G.726, AAC	G.711, G.726, AAC
	Synchronous audio	▪	▪	▪	▪
Recording	Video Recording Manager (VRM)	▪	▪	▪	▪
	Schedule recording modes	▪	▪	▪	▪
Storage options	Max. drives supported	2	4	12	16
	Available capacities per drive	4, 8 or 18TB	4, 8 or 18TB	4, 8 or 18TB	4, 8 or 18TB
	Base system capacity TB	0, 8, 16 or 36TB	0, 16, 32 or 72TB	0, 32, 64, 144 or 216TB	0, 288TB
	Max. Base system capacity TB	36TB	72TB	216TB	288TB
	Full system capacity TB	108TB	360TB	1368TB	1440TB
	Extendable / external support	iSCSI	iSCSI	iSCSI	iSCSI
Storage extensions	Max. number of units	2x DIVAR IP all–in–one 4000 configured as storage extension	4x DIVAR IP all–in–one 6000 configured as storage extension	4x DIVAR IP all–in–one 7000 configured as storage extension	4x DIVAR IP all–in–one 7000 configured as storage extension
	Maximum drives supported	2	4	12	16
	Available capacities per drive	4, 8 or 18TB	4, 8 or 18TB	4, 8 or 18TB	4, 8 or 18TB
	Hot swappable	–	▪	▪	▪
Export/back–up of data	Data format	native, MOV, MP4	native, MOV, MP4	native, MOV, MP4	native, MOV, MP4
	Built–in DVD writer	–	–	–	–
	Supported devices	External CD/DVD Writer, USB 2.0, USB 3.0, iSCSI	External CD/DVD Writer, USB 2.0, USB 3.0, iSCSI	External CD/DVD Writer, USB 3.0, iSCSI	External CD/DVD Writer, USB 3.0, iSCSI
	Back–up mode	Manual or Automatic	Manual or Automatic	Manual or Automatic	Manual or Automatic

Table continued on the next page

All–in–one video recording and management

▪ Available – Not available

All–in–one solution					
		▶DIVAR IP all–in–one 4000	▶DIVAR IP all–in–one 6000	▶DIVAR IP all–in–one 7000 2U	▶DIVAR IP all–in–one 7000 3U
					
Commercial Type Number		**DIP–442xxx–xxx**	**DIP–644x–xxx**	**DIP–74Cx–xxx**	**DIP–74Gx–xxx**
Redundancy	Power suply redundancy	–	–	▪	▪
	Hot swappable HDD	–	▪	▪	▪
	Teamed Ethernet Network ports	▪	▪	▪	▪
	Redundant operating system drive	–	–	▪	▪
Software options	PTZ control	▪	▪	▪	▪
	CCTV keyboard support	▪	▪	▪	▪
	Admin control	▪	▪	▪	▪
	Export options	▪	▪	▪	▪
Remote access	Mobile device (smart phone / tablet)	▪ Video security app	▪ Video security app	▪ Video security app	▪ Video security app
	Network	10/100/1000 Ethernet	10/100/1000 Ethernet	10/100/1000 Ethernet	10/100/1000 Ethernet
	Web browser access	▪	▪	▪	▪
	Simultaneous accessible users	4	4	4	4
Advanced features support	Forensic search support (metadata)	▪	▪	▪	▪
	Webclient	▪	▪	▪	▪
Supported software	Bosch Video Management System	▪ (v11.1.1 or newer)	▪ (v11.1.1 or newer)	▪ (v12.1.0 or newer)	▪ (v12.1.0 or newe)
	3rd Party software	–	–	–	–
3rd party integration tools	ATM/POS integration	▪	▪	▪	▪
	Operating System	Windows Server IoT 2022 for Storage Workgroup	Windows Server IoT 2022 for Storage Workgroup	Windows Server IoT 2022 for Storage Standard	Windows Server IoT 2022 for Storage Standard

Storage solutions

Network Video Recorder

▶DSA E–Series



▪ Available – Not available

Commercial Type Number		DSA–N6xxxx–xxxx
Basic functions	Max. system size (channels)	800
	Integrated video management	—
	RAID Level	RAID–5/RAID–6/DDP
	Supported resolutions	CIF/2CIF/4CIF/720p/1080p/5MP
	Video compression	H.264, H.265, MPEG–4, ONVIF, RTSP, JPEG
	Transcoding	—
	ONVIF	▪
Mechanical	Form factor	2U/4U 19–inch Rack Mount
	Network connections (LAN)	2x Gigabit Ethernet/ 2× 10 Gigabit Ethernet
	USB ports	—
	Number of power supplies	2
	Power supplies hot swappable	▪
Video output	Connector type	—
	Monitor output	—
Audio	In / out channels	800 (audio playback via remote station only)
	Compression type	G.726
	Synchronous audio	▪
	Associate multiple cameras to 1 Audio	▪
Recording	Video Recording Manager (VRM)	—
	Schedule recording modes	▪
Storage options	Max. drives supported	12/60
	Available capacities per drive	4, 8 or 12TB
	Base system capacity TB	—
	Max. Base system capacity TB	12 bay: 48/96/144TB 60 bay: 240/480/720TB
	Full system capacity TB	12 bay: 384/ 768/ 1152TB 60 bay: 720/1440/2160TB
	Extendable / external support	6Gb/s SAS (Copper)
Storage extensions	Max. number of units	12 bay: 7 / 60 bay: 3
	Maximum drives supported	12/60
	Available capacities per drive	4, 8 or 12TB
	Hot swappable	▪
Export/back–up of data	Data format	WMF, Bosch ASF
	Built–in DVD writer	—
	Supported devices	External CD/DVD Writer, USB 2.0, iSCSI
	Back–up mode	manual or automatic
Redundancy	Power supply redundancy	▪
	Hot swappable HDD	▪

Table continued on the next page

Storage solutions

Network Video Recorder

▶DSA E–Series



▪ Available – Not available

Commercial Type Number		DSA–N6xxxx–xxxx
Redundancy	Power supply redundancy	—
	Hot swappable HDD	—
Software options	PTZ control	—
	CCTV keyboard support	—
	Admin control	—
	Export options	—
Remote access	Mobile device (smart phone / tablet)	—
	Network	2× 10 Gigabit Ethernet
	Web browser access	—
	Simultaneous accessible users	—
Advanced features support	Forensic search support (metadata)	—
	Webclient	▪
Supported software	Bosch Video Client	—
	Bosch Video Management System	—
	3rd Party software	—
3rd party integration tools	Optional ATM/POS integration	—

Video software

▶ Video Management System

▪ Available – Not available









Name		BVMS Viewer	BVMS Lite	DIVAR IP all–in–one 4000	DIVAR IP all–in–one 6000	DIVAR IP all–in–one 7000	BVMS Plus	BVMS Professional
System features	Included cameras (max cameras)	16 (500)	8 (42)	8 (32)	8 (64)	8 (256)	8 (256)	8 (2.000)
	Maximum number of workstations	1 (1)	2 (5)	2 (5)	2 (20)	2 (20)	5 (20)	5 (100)
	Maximum number of BVMS subsystems	–	–	–	0 (20)	0 (20)	0 (20)	0 (100)
	Maximum number of VRM servers	32[1]	2	2	2	2	2	125
	Maximum storage capacity	n.a.	2 × 4 PB	3 × 36 TB	5 × 72 TB	5 × 192 TB	2 × 4 PB	125 × 4 PB
	Forensic search	▪	▪	▪	▪	▪	▪	▪
	DVR support	32	10	10	10	10	10	50
	Events and alarms	–	▪	▪	▪	▪	▪	▪
	Streamlining	–	▪	▪	▪	▪	▪	▪
	GPU decoding	▪	▪	▪	▪	▪	▪	▪
	Remote access	–	▪	▪	▪	▪	▪	▪
	Dynamic transcoding	▪	▪	▪	▪	▪	▪[2]	▪[2]
	Web client	–	▪	▪	▪	▪	▪	▪
	Keyboard support	1	5	5	10	10	10	100
	Offline map functionality	–	▪	▪	▪	▪	▪	▪
	Online map functionality	–	▪	▪	▪	▪	▪	▪
	Advanced tracking suite	–	▪	▪	▪	▪	▪	▪
	Audio support	▪	▪	▪	▪	▪	▪	▪
	Decoder support	–	▪	▪	▪	▪	▪	▪
	BVMS Config Wizard	–	▪	▪	▪	▪	▪	▪
	Live & Playback sites	16 (9999)	–	–	0 (20)	0 (20)	1 (20)	1 (9999)
Supported camera devices	IQSIGHT cameras	▪	▪	▪	▪	▪	▪	▪
	Third party ONVIF Profile S cameras	▪	▪	▪	▪	▪	▪	▪
Redundancy	Automatic Network Replenishment (ANR)	–	▪	▪	▪	▪	▪	▪
	VMware® vSphere / Microsoft Hyper–V Virtualization support	–	▪	–	–	–	▪	▪
	VMware® vSphere High Availability support	–	▪	–	–	–	▪	▪
	Microsoft Hyper–V Failover Cluster and Hyper–V Replica support	–	▪	–	–	–	▪	▪
	Failover VRM	–	8 (42)	0 (32)	0 (64)	0 (256)	8 (256)	8 (2000)
	Dual Recording	–	8 (42)	0 (32)	0 (64)	0 (256)	8 (256)	8 (2000)
Alarm management	Logbook	–	▪	▪	▪	▪	▪	▪
	Events and alarms	–	▪	▪	▪	▪	▪	▪
	Email notification	–	▪	▪	▪	▪	▪	▪
	Alarm–based recording	n.a.	▪	▪	▪	▪	▪	▪
	Motion recording	n.a.	▪	▪	▪	▪	▪	▪
	Video Analytics events	–	▪	▪	▪	▪	▪	▪
	SNMP support	–	▪	▪	▪	▪	▪	▪
	Workflow with instructions on alarm	–	▪	▪	▪	▪	▪	▪
Integration	Maximum number of B/G Series intrusion panels	–	1 (5)	1 (5)	1 (10)	1 (10)	1 (10)	1 (40)
	Access Management System		5	5	5	5	5	5
	I/O module support	–	▪	▪	▪	▪	▪	▪
	Active directory	▪	▪	▪	▪	▪	▪	▪
	ATM–POS support	–	▪	▪	▪	▪	▪	▪
	Additional data	–	▪	▪	▪	▪	▪	▪
	License plate recognition	–	0 (5)	0 (5)	0 (10)	0 (10)	0 (10)	0 (50)
	Software Development Kit (SDK)	–	▪	▪	▪	▪	▪	▪

[1] limited · [2] additional hardware required

IQSIGHT

Video software

▪ Available – Not available

		▶Video Security App	▶Video Security Client
			
Name		**Video Security App**	**Video Security Client**
	No. of channels	256 per site*	256 per site*
	Usage situation	Mobile	PC and Mobile
	Workstation OS support	iOS, Android	Win10/11
	Software based Video IP Platform	▪	▪
Key technologies supported	Dynamic Transcoding	▪	▪
	Video analytics	▪	▪
	Client side dewarping (panoramic)	▪	▪
	4K UHD		▪
	starlight		
Encoding	H.264/HEVC/H.265	▪/▪/▪	▪/▪/▪
	MPEG–4	▪	▪
	3rd party camera support	▪ (with VSG)	▪ (with VSG)
Viewing	Multi–monitor support	–	–
	16:9 monitor support	n/a	▪
	Viewing frequency	–	–
	Dynamic cameo scaling	▪	▪
Alarm Management	User management	–	–
	Digital I/O alarms	–	–
	System event alarms	–	–
	Motion alarms	▪ (service license required)	▪ (service license required)
	Event response and command scripts	–	–
	Video analytics alarms	▪ (service license required)	▪ (service license required)
	Video analytics forensic search	▪ (Simple search)	▪ (Simple search)
	Audio	–	–
	Compound events	–	–
	Scheduled dependent alarming	–	–
	Event allocation to user groups	–	–
Control	AUTODOME Intelligent Tracking	▪	▪
	PTZ	▪	▪
	IntuiKey	–	–
	Virtual matrix	–	–
Storage	@edge camera support	▪	▪
	iSCSI	▪	▪
	NVR support	–	–
	VRM	▪	▪
	Video analytics metadata	▪	▪
	Support redundant storage	–	–
	DIVAR IP/BVMS Support	▪	▪
Integration	BRS	–	–
	DxR 400 / 600 / 700	–	–
	Virtual inputs	–	–
	Remote portal	▪	▪

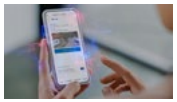
* <=64 recommended for WAN connections

Video software

▶VideoView+ for cameras



▶VideoView+ for DIVAR IP



▪ Available – Not available

Name		VideoView+ for cameras	VideoView+ for DIVAR IP
	Cloud access to video	▪	▪
	User Access Management	▪	▪
	Live view	▪	▪
	Playback of recordings	Edge based (SD card) & local (e.g. VRM, iSCSI) recordings *only bell symbols available in timeline to navigate to desired replay position	BVMS-based recordings *timeline with thumbnail images for easier navigation to desired replay position
	Local export of recording clips	▪ in VSC* (Windows)	▪ in VSC* (Windows)
	Forensic search	▪	▪
	Site selection	▪	▪
	Push notification (events)	▪	▪
	10 second event clip cloud recording	30 days retention time	No
	Transcoding	No	HW Dynamic transcoding
	Third-party cameras support	No	▪ via connection to VSG**

Decoders

▶VIDEOJET decoder 7000



▪ Available – Not available

Commercial Type Number		VJD–7533
	Description	High performance H.265 UHD decoder
Video/Audio	Monitor Outputs	2x HDMI 2.0a 2x DisplayPort 1.2 (via USB–C)
	Video Codec	H.265, H.264, MPEG–4
	Audio out	via HDMI only
	Transcoding at the edge	–
Interfaces	Alarm In	–
	Relay Out	–
	ONVIF conformant	–
Other	Keyboard	supported for IP Matrix
	IP Matrix	▪

* at 25°C with a single HD monitor connected

IQSIGHT

LED monitors

▶High Definition



▪ Available – Not available

Commercial Type Number		UML–245–90	UML–275–90	UML–274–90	UML–324–90	UML–434–90	UML–554–90
Display	Type	23.8" LED	27" LED	27" LED	32" LED	43" LED	55" LED
	Max Pixel Resolution	1920×1080	3840×2160	1920×1080	1920×1080	1920×1080	3840×2160
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
	Brightness (cd/m^2)	250	300	350	500	400	450
	Contrast Ratio	1000:1	1000:1	3000:1	3000:1	3000:1	4000:1
	Backlight	30,000 hrs	30,000 hrs	30,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs
	Viewing Angle (HxV)	178×178	178×178	178×178	178×178	178×178	178×178
Connectors	Composite Video (BNC)	–	–	–	–	–	–
	VGA	–	–	▪	▪	▪	▪
	DVI–D	–	–	▪	▪	▪	▪
	HDMI	▪	▪	▪	▪	▪	▪
	Display Port	▪	▪	▪	▪	▪	▪
Audio	Input	–	–	▪	▪	▪	▪
	Speaker	▪	▪	▪	▪	▪	▪
Mechanical	Width	541 mm	615.1 mm	633.6 mm	737.9 mm	978.3 mm	1253.8 mm
	Height	387.3 mm	428.4 mm	371.8 mm	431.5 mm	568.8 mm	722.6 mm
	Depth	219.7 mm	219.7 mm	64.8 mm	71.5 mm	74.7 mm	74.1 mm
	Weight	3.5 kg	4.0 kg	6.8 kg	11.6 kg	18.6 kg	30.5 kg
Power	Power Supply	Separate	Separate	Integrated	Integrated	Integrated	Integrated
	Power Consumption	<35W	<45W	<50W	<60W	<75W	<155W
Misc.	Picture–in–picture	–	–	–	–	–	–
	Front Panel Lockout	–	–	–	–	–	–
	IR Remote	–	–	▪	▪	▪	▪
Cables Included	VGA–to–VGA	–	–	▪	▪	▪	▪
	HDMI–to–HDMI	▪	▪	▪	▪	▪	▪
	DVI–to–DVI	–	–	–	–	–	–
	DP–to–DP	▪	▪	▪	▪	▪	▪
	DP–to–MiniDP converter	▪	▪	▪	▪	▪	▪
Mounting	VESA Compliant	▪	▪	▪	▪	▪	▪
	Rack–mountable	–	–	–	–	–	–
	Fixed desktop stand	within box	within box	within box	within box	within box	within box
	Adjustable desktop stand	UMM–LED27–SD	UMM–LED27–SD	UMM–LED27–SD	–	–	–
	Fixed Wall Mount	–	–	–	–	ST650	ST650
	Swivel/Tilt Wall Mount	UMM–LW–30B	UMM–LW–30B	UMM–LW–30B	UMM–WMT–32	–	–

About IQSIGHT

IQSIGHT, formerly Bosch Video Systems, brings 60+ years of engineering excellence and uncompromising quality to intelligence-first video security that helps organizations worldwide reduce risk, improve operations, and make better decisions. Our solutions are engineered for reliability and cyber resilience, with NDAA compliance across the portfolio and TAA-compliant options available for U.S. procurement requirements.

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