

# IQSIGHT


VISUAL INTELLIGENCE FOR A WORLD UNINTERRUPTED \>>\

**VIDEO PRODUCT OVERVIEW GUIDE**


MARCH 2026

Formerly Bosch Video Systems


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# INTELLIGENT VIDEO ANALYTICS

IQSIGHT turns video into real-time understanding. Our expanding suite of AI-powered analytics detects, classifies, and analyzes activity to help organizations identify risks, improve safety, and keep operations running smoothly.

GenAI-powered IVA Pro Context adds reasoning and context, transforming simple prompts into customized monitoring instructions. Flexible deployment options – edge, cloud, or hybrid – combine real-time detection with deeper insight so teams can move from detection to understanding, and from insight to action.

## 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 persone

## IVA Pro Personal Protective Equipment



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

## IVA Pro Appearance



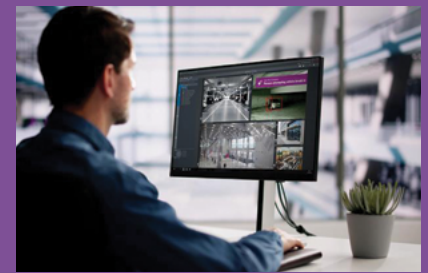
- Analyze (identify and collect) physical attributes, such as clothing items, hair color and length, etc.

## 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 Goods Sign

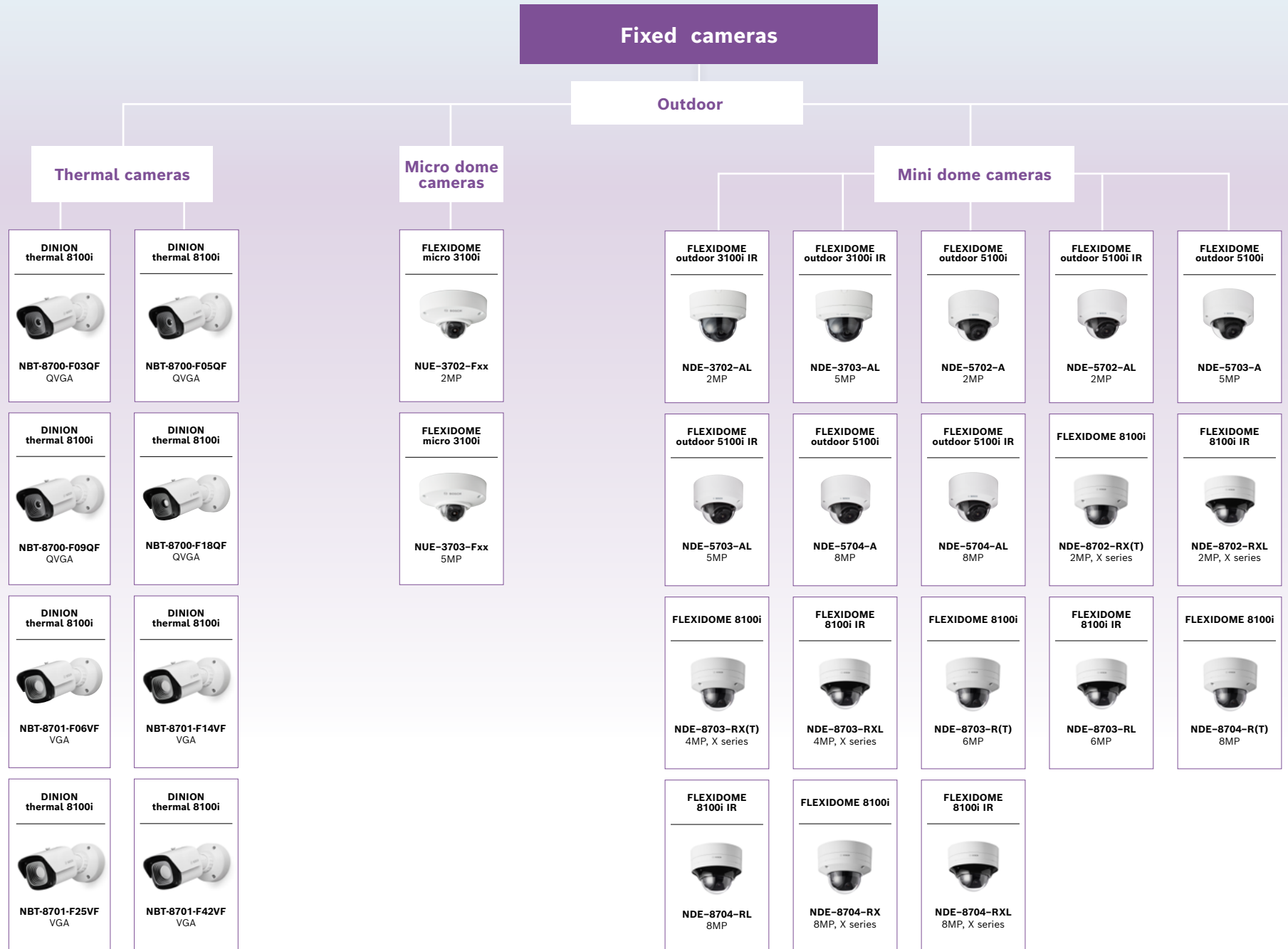


- Detects and recognizes the content of dangerous good signs (ADR) on moving vehicles (car, van, truck) at 95%+ accuracy levels.

### IVA Pro LPR / Vehicle Make Model / Dangerous Goods 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

### Bullet cameras

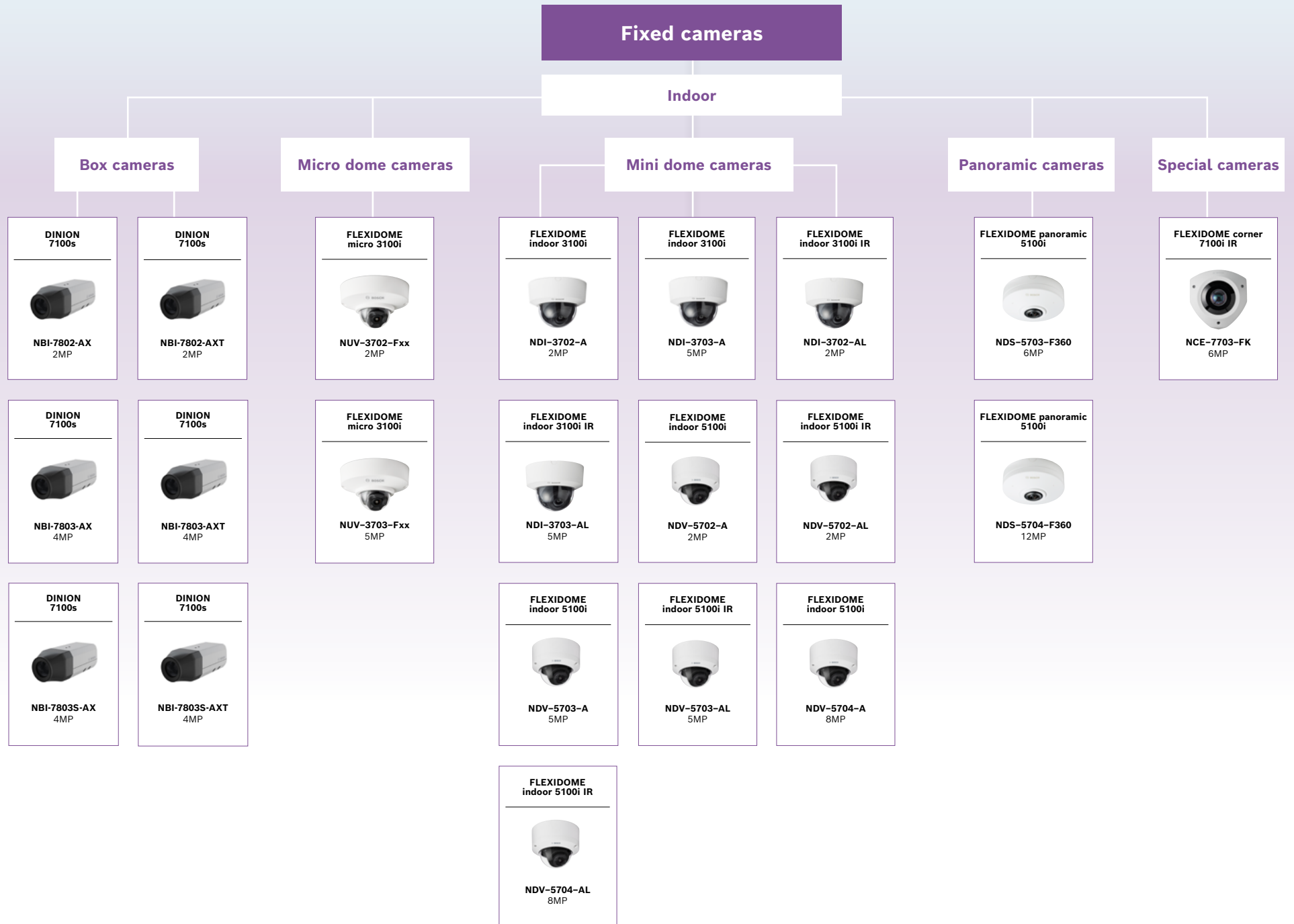
<p><b>DINION 3100i IR</b></p>  <p><b>NBE-3702-AL</b> 2MP</p>	<p><b>DINION 3100i IR</b></p>  <p><b>NBE-3703-AL</b> 5MP</p>	<p><b>DINION 5100i IR</b></p>  <p><b>NBE-5702-AL</b> 2MP</p>
<p><b>DINION 5100i IR</b></p>  <p><b>NBE-5703-AL</b> 5MP</p>	<p><b>DINION 5100i IR</b></p>  <p><b>NBE-5704-AL</b> 8MP</p>	<p><b>DINION 7100i IR</b></p>  <p><b>NBE-7702-ALX</b> 2MP</p>
<p><b>DINION 7100i IR</b></p>  <p><b>NBE-7703-ALX</b> 4MP</p>	<p><b>DINION 7100i IR</b></p>  <p><b>NBE-7703-ALXT</b> 4MP</p>	<p><b>DINION 7100i IR</b></p>  <p><b>NBE-7704-AL</b> 8MP</p>
<p><b>DINION 7100i IR</b></p>  <p><b>NBE-7704-ALT</b> 8MP</p>	<p><b>DINION 7100i IR</b></p>  <p><b>NBE-7704-ALX</b> 8MP</p>	

### Panoramic cameras

<p><b>FLEXIDOME panoramic 5100i IR</b></p>  <p><b>NDS-5703-F360LE</b> 6MP</p>
<p><b>FLEXIDOME panoramic 5100i IR</b></p>  <p><b>NDS-5704-F360LE</b> 12MP</p>

### Multi-imager cameras

<p><b>FLEXIDOME dual 7000i</b></p>  <p><b>NDD-7802-AL</b> 2x 3MP</p>	<p><b>FLEXIDOME dual 7000i</b></p>  <p><b>NDD-7803-AL</b> 2x 5MP</p>
<p><b>FLEXIDOME multi 7000i</b></p>  <p><b>NDM-7702-A</b> 4x 3MP</p>	<p><b>FLEXIDOME multi 7000i</b></p>  <p><b>NDM-7703-A</b> 4x 5MP</p>
<p><b>FLEXIDOME multi 7000i IR</b></p>  <p><b>NDM-7702-AL</b> 4x 3MP</p>	<p><b>FLEXIDOME multi 7000i IR</b></p>  <p><b>NDM-7703-AL</b> 4x 5MP</p>



# Moving cameras

## Indoor

## Outdoor

## Extreme outdoor

**AUTODOME  
IP starlight 5000i**



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

**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

**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 inteox  
7100i**



**MIC-7602-Z30x**  
2MP, 30x zoom,  
Intelligent Video  
Analytics Pro

**MIC inteox  
7100i**



**MIC-7602-Z30xx**  
2MP, 30x zoom,  
Intelligent Video  
Analytics Pro

**MIC inteox  
7100i**



**MIC-7604-Z12xx**  
8MP, 12x zoom,  
Intelligent Video  
Analytics Pro

Fixed dome cameras

► FLEXIDOME micro 3100i indoor

► FLEXIDOME micro 3100i outdoor



2MP  
Indoor



5MP  
Indoor



2MP  
Outdoor



5MP  
Indoor

■ Available – Not available

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-PR)	-	-	-	-
	Intelligent Audio Analytics (MVC-IAA-GUN)	-	-	-	-
	Basic features	Maximum resolution	2MP	5MP	2MP
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	■	■	■	■

**Fixed dome cameras**

► FLEXIDOME indoor 3100i (IR)



2MP



5MP



2MP

■ Available – Not available

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

►FLEXIDOME indoor 3100i (IR)



IR  
2MP



IR  
5MP

■ Available – Not available

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-PR1)	-	-
	Intelligent Audio Analytics (MVC-IAA-GUN)	-	-
	Basic features	Maximum resolution	2MP
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**

► FLEXIDOME outdoor 3100i (IR)



IR  
2MP



IR  
5MP



IR  
5MP

■ Available – Not available

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

►FLEXIDOME indoor 5100i



2MP  
Indoor



5MP  
Indoor



8MP  
Indoor

■ Available – Not available

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 Goods 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**

► FLEXIDOME indoor 5100i IR



IR  
2MP  
Indoor



IR  
5MP  
Indoor



IR  
8MP  
Indoor

■ Available – Not available

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 Goods 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

►FLEXIDOME outdoor 5100i



2MP  
Outdoor



5MP  
Outdoor



8MP  
Outdoor

■ Available – Not available

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 Goods 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**

► **FLEXIDOME outdoor 5100i IR**



IR  
2MP  
Outdoor



IR  
5MP  
Outdoor



IR  
8MP  
Outdoor

■ Available – Not available

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 Goods 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

► FLEXIDOME 8100i (IR)



6MP  
Indoor/  
Outdoor  
PTRZ



6MP Tele  
Indoor/  
Outdoor  
PTRZ



IR  
6MP  
Indoor/  
Outdoor  
PTRZ

■ Available – Not available

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 Goods 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

### ► FLEXIDOME 8100i (IR)



8MP  
Indoor/  
Outdoor  
PTRZ



8MP Tele  
Indoor/  
Outdoor  
PTRZ



IR  
8MP  
Indoor/  
Outdoor  
PTRZ

■ Available – Not available

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 Goods 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

### ► FLEXIDOME 8100i (IR) – X series



2MP  
Indoor/  
Outdoor  
PTRZ



2MP Tele  
Indoor/  
Outdoor  
PTRZ



IR  
2MP  
Indoor/  
Outdoor  
PTRZ

■ Available – Not available

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 Goods 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**

► FLEXIDOME 8100i (IR) – X series



4MP  
Indoor/  
Outdoor  
PTRZ



4MP Tele  
Indoor/  
Outdoor  
PTRZ



IR  
Indoor/  
Outdoor  
4MP  
PTRZ

■ Available – Not available

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 Goods 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

### ► FLEXIDOME 8100i (IR) – X series



8MP  
Indoor/  
Outdoor  
PTRZ



IR  
8MP  
Indoor/  
Outdoor  
PTRZ

■ Available – Not available

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 Goods 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

►FLEXIDOME panoramic 5100i



6MP  
Indoor



12MP  
Indoor

►FLEXIDOME panoramic 5100i IR



IR  
6MP  
Outdoor



IR  
12MP  
Outdoor

■ Available – Not available

Commercial Type Number		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 Goods 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 7000i



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 Goods Good Signs (MVC-IVA-DGS)	* Future release	* Future release
	IVA Pro Privacy (MVC-IVA-PR)	* Future release	* Future release
	Intelligent Audio Analytics (MVC-IAA-GUN)	* Future release	* Future release
Basic features	Maximum resolution	2x 3MP	2x 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

►FLEXIDOME multi 7000i

►FLEXIDOME multi 7000i IR



4 x 3MP  
Indoor/  
Outdoor



4 x 5MP  
Indoor/  
Outdoor



IR  
4 x 3MP  
Indoor/  
Outdoor



IR  
4 x 5MP  
Indoor/  
Outdoor

■ Available – Not available

Commercial Type Number		NDM-7702-A	NDM-7703-A	NDM-7702-AL	NDM-7703-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 Goods Good Signs (MVC-IVA-DGS)	-	-	-	-
	IVA Pro Privacy (MVC-IVA-PRI)	-	-	-	-
	Intelligent Audio Analytics (MVC-IAA-GUN)	-	-	-	-
Basic features	Maximum resolution	4 x 3MP	4 x 5MP	4 x 3MP	4 x 5MP
	Image sensor type	1/2.7"	1/2.7"	1/2.7"	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)	0.091 lux	0.091 lux	0.091 lux	0.091 lux
	Minimum illumination night mode (black / white)	0.012 lux	0.012 lux	0.012 lux	0.012 lux
	Max. IR range	-	-	30 m	30 m
Lens	Automatic varifocal	■	■	■	■
	Focal length	3.7 - 7.7 mm	3.7 - 7.7 mm	3.7 - 7.7 mm	3.7 - 7.7 mm
	Horizontal Field of View (HFOV)	85.1° - 38.7°	85.1° - 38.7°	85.1° - 38.7°	85.1° - 38.7°
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	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	■	■	■	■

Bullet cameras

►DINION 3100i IR



IR  
2MP



IR  
5MP

■ Available – Not available

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 Goods 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

### ►DINION 5100i IR



IR  
2MP



IR  
5MP



IR  
8MP

■ Available – Not available

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 Goods 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	60 m	60 m	45 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 / 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

►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

■ Available – Not available

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 Goods 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**

► **DINION 7100i IR**



Wide angle  
IR  
8MP



Tele  
IR  
8MP



HDR X  
Wide angle  
IR  
8MP

■ Available – Not available

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 Goods 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	
Accessories	Modular mount compatible	■	■	■

Box cameras



■ Available – Not available

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-PR1) ■ Intelligent Audio Analytics (MVC-IAA-GUN) -	■ ■ ■ ■ ■ ■ ■ ■ ■ -	■ ■ ■ ■ ■ ■ ■ ■ ■ -	■ ■ ■ ■ ■ ■ ■ ■ ■ -	
Basic features	Maximum resolution 2MP Image sensor type 1/1.8" Max. frames per second (fps) 60fps High Dynamic Range (HDR) 144dB HDR X ONVIF conformant ■ Built-in microphone -	2MP 1/1.8" 60fps 144dB HDR X ■ -	2MP 1/1.8" 60fps 144dB HDR X ■ -	4MP 1/1.8" 60fps 144dB HDR X ■ -	2MP 1/1.8" 60fps 144dB HDR X ■ -
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 Minimum illumination night mode (black / white) 0.0007 lx Max. IR range -	0.008 lux 0.0007 lx -	0.007 lux 0.0008 lx -	0.009 lux 0.0008 lx -	0.008 lux 0.0009 lx -
Lens	Automatic varifocal ■ Focal length 4.4-10mm Horizontal Angle of View (HAoV) 103° – 49°	■ 4.4-10mm 103° – 49°	■ 10.5-47mm 41.60° – 9.30°	■ 4.4-10mm 103° – 49°	■ 10.5-47mm 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	- - -20 to 55°C
Power input	Power over Ethernet / 12VDC / 24VAC PoE / ■ / ■	PoE / ■ / ■	PoE / ■ / ■	PoE / ■ / ■	PoE / ■ / ■
Accessories	Modular mount compatible -	-	-	-	-

\*\* Lens not included



# Thermal cameras

## ►DINION thermal 8100i



■ 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)	-	-	-	-
	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

► **DINION thermal 8100i**



VGA  
thermal



VGA  
thermal



VGA  
thermal

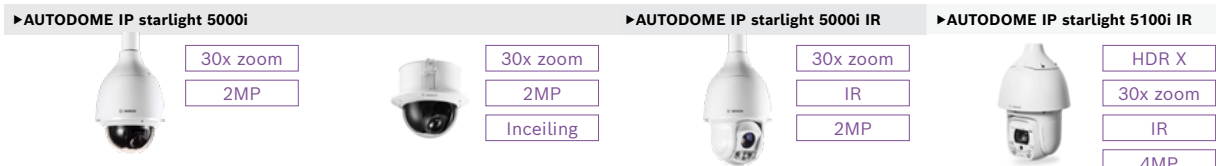


VGA  
thermal

■ Available – Not available

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

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

▶AUTODOME 7100i

▶AUTODOME 7100i IR



■ Available – Not available

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 Goods 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	
Accessories	Modular mount compatible	■	■	■

## Moving cameras PTZ

### ► MIC intex 7100i



30x zoom  
2MP



30x zoom  
2MP







12x zoom  
8MP

■ Available – Not available

Commercial Type Number		MIC-7602-Z30x	MIC-7602-Z30xR	MIC-7604-Z12xR
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 Goods 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"	1/2"	1"
	Max. frames per second (fps)	30fps	30fps	30fps
	High Dynamic Range (HDR)	120dB	120dB	62dB
	ONVIF conformant	■	■	■
Advanced features	Built-in microphone	-	-	-
	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	-	-	-
	Privacy masking	■	■	■
	Upright video mode	-	-	-
Bitrate management	Electronic Image Stabilization (EIS)	■	■	■
	Intelligent streaming	-	-	-
	Compression (H.265 / H.264 & MJPEG)	■	■	■
Sensitivity	Multi streaming	3 streams	3 streams	3 streams
	Minimum illumination day mode (color)	0.0047 lux	0.0047 lux	0.0292 lux
	Minimum illumination night mode (black / white)	0.0013 lux	0.0013 lux	0.0110 lux
Lens	Max. IR range	550 m (optional)	550 m (optional)	300 m (optional)
	PTZ zoom optical / digital	30x / 12x	30x / 12x	12x / 12x
	Tilt angle	-95° - +55° (inverted)	-95° - +55° (inverted)	-95° - +55° (inverted)
	Focal length	6.6 - 198 mm	6.6 - 198 mm	9.3 - 111.6 mm
Storage	Horizontal Field of View (HFOV)	58.3° - 2.1°	58.3° - 2.1°	64.6° - 6.1°
	Industrial SD card support with health monitoring	■	■	■
Connections	Alarm input / output	■	■	■
	Audio in / out	■	■	■
	Hybrid / public view monitor	-	-	-
Housing	Weather rating	IP68	IP68	IP68
	Vandal resistant	IK10	IK10	IK10
	Operating temperature	-40 to 65°C	-40 to 65°C	-40 to 65°C
Power input	Power over Ethernet / 12VDC / 24VAC	PoE / 24V	PoE / 24V	PoE / 24V
Accessories	Modular mount compatible	■	■	■

\* Restricted product, contact your Bosch representative

**Moving cameras PTZ**

		▶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)		
Advanced features	Indoor / outdoor	-/■	-/■	-/■	-/■		
	Day / night	■	■	■	■ (optical)		
	Wide Dynamic Range (WDR)	120dB	120dB	62dB	120dB		
	ONVIF conformant	■	■	■	■		
	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■	-/■		
	Privacy masking	■	■	■	■		
Alarm triggering	Nbr of presets/guard tours	256/2	256/2	265/2	256/2		
	Wiper / Built in window defroster	■/-	■/■	■/■	■		
	Intelligent Tracking	■	■	■	■		
Sensitivity	Tamper detection / Video motion detection	■/■	■/■	■/■	■/■		
	PTZ Intelligent Tracking	■	■	■	■		
	Minimum illumination day mode (color)	0.0047 lux	0.0047 lux	0.292 lux	0.0077 lux (optical) N.A. (thermal)		
Lens	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)		
DORI distances	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		
Storage	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)		
	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	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		
	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	■	■	■	■/■		
Housing	Hybrid / public view monitor	■ (with external decoder)/-	■ (with external decoder)/-	■ (with external decoder)/-	-		
	Weather rating	IP68	IP68	IP68	IP68		
	Vandal resistant	IK10	IK10	IK10	IK10		
Power input	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 over Ethernet / 12VDC / 24VAC	■ HiPoE /-/■	■ HiPoE /-/■	■ HiPoE /-/■	■ (HiPoE)/-/■		

■ Available – Not available

# 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, 1x 1 Gbps (Mgmt)	2x Gigabit Ethernet, 1x 1 Gbps (Mgmt)	2x Gigabit Ethernet, 1x 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, ACC	G.711, G.726, ACC	G.711, G.726, ACC	G.711, G.726, ACC
	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
	Extensible / 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

## 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
Redundancy	Power supply 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 newer)
	3 <sup>rd</sup> Party software	-	-	-	-
3 <sup>rd</sup> 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/ 2x 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
	Extensible / external support	6Gb/s SAS (Copper)
	Storage extentions	12 bay: 7 / 60 bay: 3
Storage extentions	Max. number of units	12/60
	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	2x 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	–
	3 <sup>rd</sup> Party software	–
3 <sup>rd</sup> 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 (2,000)
	Maximum number of workstations	1 (1)	2 (5)	2 (5)	2 (20)	2 (20)	5 (100)
	Maximum number of BVMS subsystems	-	-	-	0 (20)	0 (20)	0 (100)
	Maximum number of Bosch VRM servers	32 <sup>1</sup>	2	2	2	2	125
	Maximum storage capacity	n.a.	2 x 4 PB	3 x 36 TB	5 x 72 TB	5 x 192 TB	125 x 4 PB
	Forensic search	■	■	■	■	■	■
	DVR support	5 (32)	1 (10)	1 (10)	1 (10)	1 (10)	1 (50)
	Events and alarms	-	■	■	■	■	■
	Streamlining	-	■	■	■	■	■
	GPU decoding	■	■	■	■	■	■
	Remote access	-	■	■	■	■	■
	Dynamic transcoding	■	■ <sup>2</sup>	■	■	■	■ <sup>2</sup>
	Web client	-	■	■	■	■	■
	Keyboard support	1 (1)	2 (5)	2 (5)	2 (10)	2 (10)	5 (100)
	Offline map functionality	-	■	■	■	■	■
	Online map functionality	-	■	■	■	■	■
	Map-based tracking assistant	-	■	■	■	■	■
	Audio support	■	■	■	■	■	■
	Decoder support	-	■	■	■	■	■
	BVMS Config Wizard	-	■	■	■	■	■
	Live & Playback sites	16 (9999)	-	-	0 (20)	0 (20)	1 (9999)
Supported camera devices	Bosch panoramic cameras	■	■	■	■	■	■
	Bosch UHD cameras	■	■	■	■	■	■
	Bosch HD cameras	■	■	■	■	■	■
	Bosch SD / VGA cameras	■	■	■	■	■	■
	Third party ONVIF Profile S cameras	■	■	■	■	■	■
	Bosch H.265 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 (2000)
	Dual Recording	-	8 (42)	0 (32)	0 (64)	0 (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 Bosch B/G Series intrusion panels	-	1 (5)	1 (5)	1 (10)	1 (10)	1 (40)
	Access Management System	-	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 (50)
	Software Development Kit (SDK)	-	■	■	■	■	■

<sup>1</sup> limited · <sup>2</sup> additional hardware required

# Video software

▶Video Security App

▶Video Security Client



■ Available – Not available

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)
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)
	Event response and command scripts	-
	Video analytics alarms	■ (service license required)
	Video analytics forensic 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	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 IP Matrix

\* at 25°C with a single HD monitor connected

**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	1920x1080	3840x2160	1920x1080	1920x1080	1920x1080	3840x2160
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
	Brightness (cd/m <sup>2</sup> )	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)	178x178	178x178	178x178	178x178	178x178	178x178
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**

Formerly Bosch Video Systems, IQSIGHT has more than 60 years of engineering expertise. Delivering intelligence-first video security that helps organizations see clearly, understand context in real time, and act with confidence, IQSIGHT transforms video into actionable insight so leaders can make better decisions, earlier. IQSIGHT offers a proven portfolio of NDAA- and TAA-compliant video solutions, including FLEXIDOME, AUTODOME, and MIC cameras, supported by more than 600 patents and designed to perform reliably over the long term.

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