

Invented for life



North
American
version

Video product overview

September 2023

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THE POWER TO PREDICT

Know what's next

Video
solutions
from Bosch

Bosch AI-driven Video Analytics

We offer a menu of standard and application-specific Video Analytics that deliver highly accurate data, are easy to use, future proof, and integrate seamlessly with various video management systems.

Standard Video Analytics

Essential Video Analytics

Ideal for general security and safety applications - indoors



Object detection and data collection in sterile environments



Alerts only when needed

Intelligent Video Analytics

Ideal in outdoor applications



Reliable alerts, even in extreme weather conditions



Video analytics extremely resistant against shaking

Camera trainer

Teach video cameras to recognize and detect objects or situations



Machine learning functionality



Recognize user-defined situations

Application-specific video analytics: Intelligent Video Analytics Pro (IVA Pro)

IVA Pro Buildings

Advanced intrusion detection



Accurate detection and classification



Plug-and-play (no calibration needed)

IVA Pro Perimeter

Reliable long-range intrusion detection



Highly reliable long-distance intrusion detection



Professional* intruder detection

IVA Pro Traffic

Detect and classify with precise detail



Distinguish and classify people and vehicle subclasses



Enhanced scene understanding

IVA Pro Intelligent Tracking

Highly reliable and robust tracking of objects

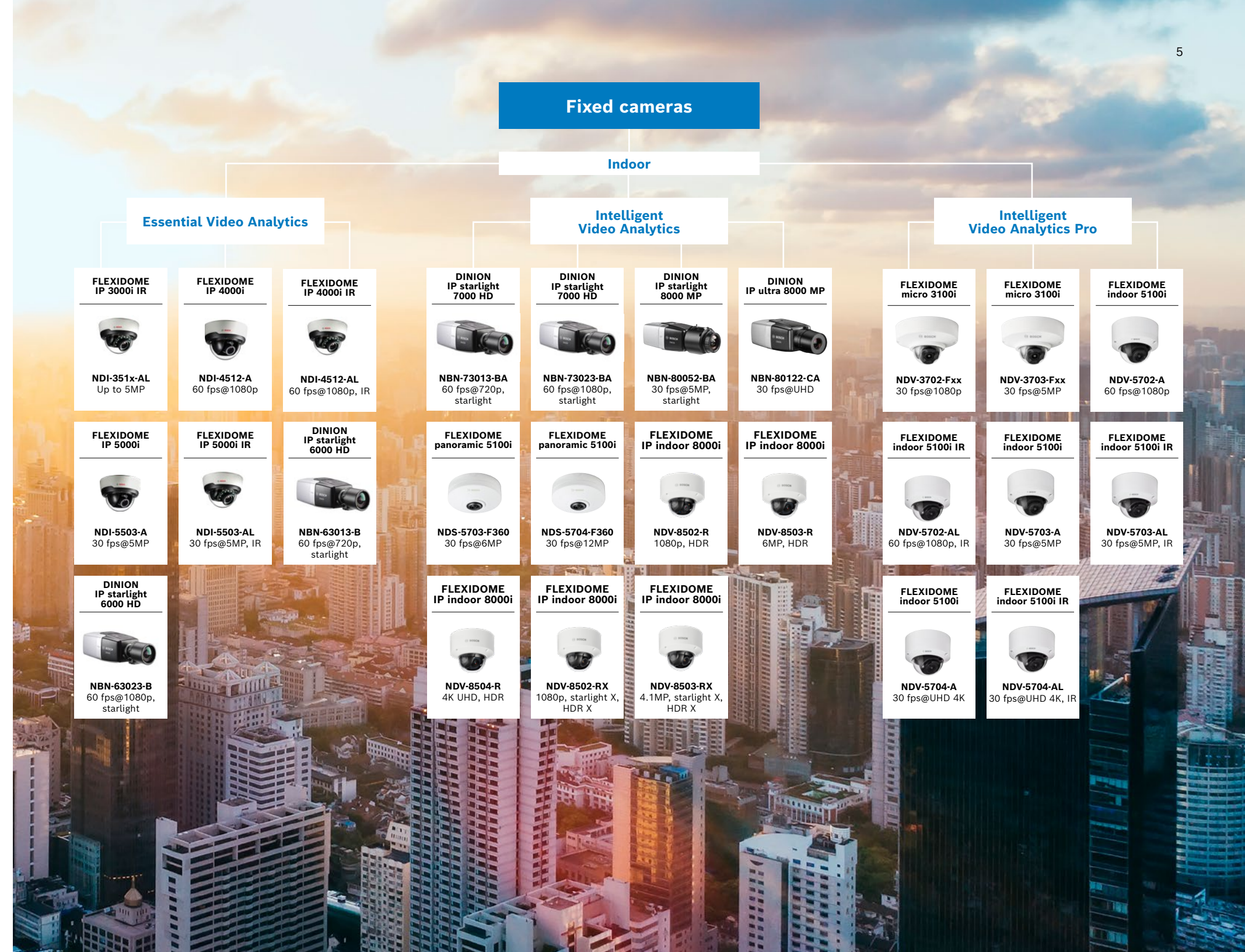


Detect and classify even while the camera is moving, and the object is standing still



Track objects in crowded or traffic scenes

*partly obstructed / crawling / rolling intruder



Fixed cameras

Outdoor

Essential Video Analytics

FLEXIDOME IP 3000i IR

NDE-351x-AL
 Up to 5MP

FLEXIDOME IP 4000i

NDE-4512-A
 60 fps@1080p

DINION

DINION IP thermal 8000

NHT-8000-F
 QVGA

DINION IP thermal 8000

NHT-8001-F
 VGA

Intelligent Video Analytics

FLEXIDOME IP starlight 8000i

NDE-8512-R(T)
 1080p, starlight, HDR

FLEXIDOME IP starlight 8000i

NDE-8513-R(T)
 6MP, starlight, HDR

Intelligent Video Analytics Pro

FLEXIDOME micro 3100i

NDE-3702-Fxx
 30 fps@1080p

FLEXIDOME micro 3100i

NDE-3703-Fxx
 30 fps@5MP

FLEXIDOME outdoor 5100i

NDE-5702-A
 60 fps@1080p

FLEXIDOME outdoor 5100i IR

NDE-5702-AL
 60 fps@1080p, IR

FLEXIDOME outdoor 5100i


NDE-5703-A
 30 fps@5MP


FLEXIDOME IP 4000i IR


NDE-4512-AL
 60 fps@1080p, IR

FLEXIDOME IP 5000i

NDE-5503-A
 30 fps@5MP

FLEXIDOME IP starlight 8000i

NDE-8514-R(T)
 4K UHD, starlight, HDR

FLEXIDOME IP starlight 8000i

NDE-8512-RX(T)
 1080p HDR X, starlight X

FLEXIDOME IP starlight 8000i

NDE-8512-RX(T)
 4MP HDR X, starlight X

FLEXIDOME panoramic 5100i IR

NDS-5703-F360LE
 30 fps@6MP

FLEXIDOME outdoor 5100i IR

NDE-5703-AL
 30 fps@5MP, IR

FLEXIDOME outdoor 5100i

NDE-5704-A
 30 fps@UHD 4K

FLEXIDOME outdoor 5100i

NDE-5704-AL
 30 fps@UHD 4K, IR

FLEXIDOME corner 7100i IR

NCE-7703-FK
 30 fps@6MP, IR

DINION 5100i IR

NBE-5702-AL
 60 fps@1080p, IR

FLEXIDOME IP 5000i IR

NDE-5503-AL
 30 fps@5MP, IR

FLEXIDOME panoramic 5100i IR

NDS-5704-F360LE
 30 fps@12MP

FLEXIDOME multi 7000i

NDM-7702-A
 30 fps@4x 3MP

FLEXIDOME multi 7000i

NDM-7703-A
 30 fps@4x 5MP

FLEXIDOME multi 7000i IR

NDM-7702-AL
 30 fps@4x 3MP

DINION 5100i IR

NBE-5703-AL
 30 fps@5MP, IR

DINION 5100i IR

NBE-5704-AL
 30 fps@4K UHD, IR

DINION 7100i IR

NBE-7702-ALX
 60 fps@1080p, IR

DINION 7100i IR

NBE-7702-ALXT
 60 fps@1080p, IR

DINION 7100i IR

NBE-7703-ALX
 60 fps@4MP, IR

FLEXIDOME multi 7000i IR

NDM-7703-AL
 30 fps@4x 5MP

DINION 7100i IR

NBE-7703-ALXT
 60 fps@4MP, IR

DINION 7100i IR

NBE-7704-AL
 30 fps@8MP, IR

DINION 7100i IR

NBE-7704-ALX
 30 fps@8MP, IR

DINION 7100i IR

NBE-7704-ALT
 30 fps@8MP, IR

Moving cameras

Indoor

Intelligent Video Analytics

AUTODOME intex 7000i

NDP-7602-Z30Cx
 In-ceiling, 30 fps@1080p, starlight

AUTODOME 7100i IR

NDP-7602-Z40L
 60 fps@1080p, starlight, IR

AUTODOME 7100i IR

NDP-7604-Z12L
 30 fps@4K UHD, IR

Outdoor

Intelligent Video Analytics

AUTODOME IP starlight 7000i

NDP-7512-Z30
 30 fps@1080p, starlight

AUTODOME intex 7000i

NDP-7602-Z30x
 30 fps@1080p, starlight

AUTODOME 7100i IR

MIC-7504-Z12xR
 4K UHD, 12x zoom, Intelligent Video Analytics Pro


Intelligent Video Analytics Pro

AUTODOME IP starlight 7000i

NDP-7602-Z40
 60 fps@1080p, starlight

AUTODOME 7100i IR

MIC-7602-Z30x
 30 fps@1080p, 30x, Intelligent Video Analytics Pro

MIC intex 7100i

MIC-7604-Z12xR
 30 fps@UHD, 12x, Intelligent Video Analytics Pro

Extreme outdoor


Optical

MIC IP starlight 7100i

MIC-7522-Z30x
 60 fps@1080p, starlight, 30x zoom, Intelligent Video Analytics

MIC IP ultra 7100i

MIC-7504-Z12xR
 4K UHD, 12x zoom, Intelligent Video Analytics Pro

MIC intex 7100i

MIC-7604-Z12xR
 30 fps@UHD, 12x, Intelligent Video Analytics Pro

Optical & Thermal

MIC IP starlight 7100i

MIC-7522-Z30xR
 60fps@1080p, 30x, Enhanced version, Intelligent Video Analytics

MIC intex 7100i

MIC-7602-Z30x
 30 fps@1080p, 30x, Intelligent Video Analytics Pro

MIC IP fusion 9000i

MIC-9502-Z30xxx
 60 fps@1080p, fusion, Intelligent Video Analytics

IP Video Dome Cameras

►FLEXIDOME IP 3000i IR ►FLEXIDOME IP 3000i IR ►FLEXIDOME IP 3000i IR ►FLEXIDOME IP 3000i IR



■ Available – Not available
▶ = indication of main differentiator(s)

Commercial Type Number	NDI-3512-AL	NDE-3512-AL	NDI-3513-AL	NDE-3513-AL
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■
	Intelligent streaming	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution ▶	HD 1080p	HD 1080p	5MP
	Image sensor type ▶	1/2.8"	1/2.8"	1/2.9"
	Max. frames per second (fps)	30fps@1080p	30fps@1080p	30fps@5MP
	Indoor / outdoor ▶	■/-	■/■	■/-
	Day / night	■	■	■
	Wide Dynamic Range (WDR)	120dB	120dB	120dB
	ONVIF conformant	■	■	■
	Built-in microphone	-	-	-
Advanced features	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■
	Privacy masking	■	■	■
	Region Of Interest tracking	■	■	■
	Upright video mode	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■	■/■
	Built-in video analytics	■	■	■
	Audio detection	■	■	■
Sensitivity	Minimum illumination day mode (color) ▶	0.05 lux	0.05 lux	0.379 lux
	Minimum illumination night mode (black / white)	0 lux with IR on	0 lux with IR on	0 lux with IR on
	Night vision	■ (infrared)	■ (infrared)	■ (infrared)
	Max. range at night	30 m (98 ft)	30 m (98 ft)	30 m (98 ft)
Lens	Automatic varifocal	■	■	■
	Focal length ▶	3 -9 mm	3 -9 mm	3 -10 mm
	Horizontal Angle of View (HAoV) ▶	106° - 37°	106° - 37°	99° - 31°
DORI distances	Detect / Observe / Recognize / Identify (Distances in according to EN-IEC 62676-4 standard) ▶	32-126/13-50/6-25/3-13	32-126/13-50/6-25/3-13	59-238/24-94/12-48/6-24
Storage	Industrial SD card support with health monitoring	■	■	■
	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
Connections	Alarm input / output	1/1	1/1	1/1
	Audio in / out	■/■	■/■	■/■
	Hybrid / public view monitor	■/■	■/■	■/■
Housing	Weather rating ▶	-	IP66	-
	Vandal resistant ▶	IK04	IK10	IK04
	Operating temperature ▶	0° to +50° C (+32° to +122° F)	-30° to +50° C (-22° to +122° F)	0° to +50° C (+32° to +122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■	■/■/■
Accessories	Modular mount compatible	■	■	■

IP Video Dome Cameras

►FLEXIDOME micro 3100i indoor ►FLEXIDOME micro 3100i outdoor



■ Available – Not available
▶ = indication of main differentiator(s)

Commercial Type Number	NUV-3702-Fxx	NUV-3703-Fxx	NUE-3702-Fxx	NUE-3703-Fxx
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■
	Intelligent streaming	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/3 streams	■/■/3 streams	■/■/3 streams
Basic features	Maximum resolution ▶	HD 1080p	5MP	HD 1080p
	Image sensor type ▶	1/2.8" CMOS	1/2.7" CMOS	1/2.8" CMOS
	Max. frames per second (fps)	30	30	30
	Indoor / outdoor ▶	■/-	■/-	-/■
	Day / night	■	■	■
	Wide Dynamic Range (WDR)	120dB	120dB	120dB
	ONVIF conformant	■	■	■
	Built-in microphone	-	-	-
Advanced features	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■
	Edge dewarping	-	-	-
	Privacy masking	■	■	■
	Region Of Interest tracking	■	■	■
Analytics	Tamper detection / Video motion detection	■/■	■/■	■/■
	IVA Pro Buildings	■	■	■
	Audio detection	-	-	-
Sensitivity	Minimum illumination day mode (color)	To be announced	To be announced	To be announced
	Minimum illumination night mode (black / white)	To be announced	To be announced	To be announced
	Night vision	-	-	-
Lens	Focal length	F02: 2.49 mm F04: 3.2 mm F06: 6 mm	F02: 2.49 mm F04: 3.2 mm F06: 6 mm	F02: 2.49 mm F04: 3.2 mm F06: 6 mm
	Horizontal Angle of View (HAoV) ▶	F02: 137° F04: 106° F06: 58.5°	F02: 131.2° F04: 100.8° F06: 56.1°	F02: 137° F04: 106° F06: 56.1°
	DORI distances	Detect / Observe / Recognize / Identify (Distances in according to EN-IEC 62676-4 standard) ▶	F02: 15 / 6 / 3 / 2 F04: 29 / 11 / 6 / 3 F06: 69 / 27 / 14 / 7	F02: 24 / 9 / 5 / 2 F04: 43 / 17 / 9 / 4 F06: 97 / 39 / 19 / 10
Storage	Industrial SD card support with health monitoring	■	■	■
	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
Connections	Alarm input / output	-	-	-
	Audio in / out	-	-	-
	HDMI output / public view monitor	■ (F04H) / ■	■ (F02H) / ■	-/■
Housing	Weather rating	-	-	IP66
	Vandal resistant ▶	IK08	IK08	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)
Power input voltage	Power over Ethernet / 12V / 24V	■/-/-	■/-/-	■/-/-

IP Video Dome Cameras



■ Available – Not available
▶ = indication of main differentiator(s)

Commercial Type Number		NDI-4512-A	NDE-4512-A	NDI-4512-AL	NDE-4512-AL
Video Analytics	Essential Video Analytics	■	■	■	■
	Bitrate management	■	■	■	■
	Intelligent Dynamic Noise Reduction	■	■	■	■
	Intelligent streaming	■	■	■	■
Basic features	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams
	Maximum resolution	HD 1080p	HD 1080p	HD 1080p	HD 1080p
	Image sensor type	1/2.8"	1/2.8"	1/2.8"	1/2.8"
	Max. frames per second (fps)	60 fps@1080p	60 fps@1080p	60 fps@1080p	60 fps@1080p
	Indoor / outdoor	▶ ■/-	■/■	■/-	■/■
	Day / night	■	■	■	■
	Wide Dynamic Range (WDR)	146dB	146dB	146dB	146dB
	ONVIF conformant	■	■	■	■
	Built-in microphone	▶ ■	-	■	-
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■	■/■
Privacy masking		■	■	■	■
Region Of Interest tracking		-	-	-	-
Upright video mode		■	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■	■	■	■
	Built-in video analytics	■	■	■	■
	Audio detection	■	■	■	■
Sensitivity	Minimum illumination day mode (color)	0.0225 lux	0.0225 lux	0.0225 lux	0.0225 lux
	Minimum illumination night mode (black / white)	▶ 0.0051 lux	0.0051 lux	0 lux with IR on	0 lux with IR on
	Night vision	▶ -	-	■ (IR)	■ (IR)
	Max. range at night	▶ -	-	45 m (148 ft)	45 m (148 ft)
Lens	Automatic varifocal	■	■	■	■
	Focal length	3 - 9 mm	3 - 9 mm	3 - 9 mm	3 - 9 mm
	Horizontal Angle of View (HAoV)	37° - 106°	37° - 106°	37° - 106°	37° - 106°
DORI distances	Detect / Observe / Recognize / Identify (Distances in according to EN-IEC 62676-4 standard)	32-126/13-50/6-25/3-13	32-126/13-50/6-25/3-13	32-126/13-50/6-25/3-13	32-126/13-50/6-25/3-13
Storage	Industrial SD card support with health monitoring	■	■	■	■
	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	1/1	1/1	1/1	1/1
	Audio in / out	■/■	■/■	■/■	■/■
	Hybrid / public view monitor	■/■	■/■	■/■	■/■
Housing	Weather rating	▶ -	IP66	-	IP66
	Vandal resistant	▶ IK04	IK10	IK04	IK10
	Operating temperature	▶ -20° to 50° C (-4° to 122° F)	-40° to 50° C (-40° to 122° F)	-20° to 50° C (-4° to 122° F)	-40° to 50° C (-40° to 122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■	■/■/■	■/■/■

IP Video Dome Cameras

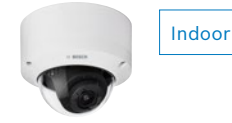
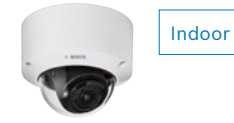


■ Available – Not available
▶ = indication of main differentiator(s)

Commercial Type Number		NDI-5503-A	NDE-5503-A	NDI-5503-AL	NDE-5503-AL
Video Analytics	Essential Video Analytics	■	■	■	■
	Bitrate management	■	■	■	■
	Intelligent Dynamic Noise Reduction	■	■	■	■
	Intelligent streaming	■	■	■	■
Basic features	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams
	Maximum resolution	5MP	5MP	5MP	5MP
	Image sensor type	1/2.9"	1/2.9"	1/2.9"	1/2.9"
	Max. frames per second (fps)	30 fps@5MP	30 fps@5MP	30 fps@5MP	30 fps@5MP
	Indoor / outdoor	▶ ■/-	■/■	■/-	■/■
	Day / night	■	■	■	■
	Wide Dynamic Range (WDR)	120dB	120dB	120dB	120dB
	ONVIF conformant	■	■	■	■
	Built-in microphone	▶ ■	-	■	-
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■	■/■
Privacy masking		■	■	■	■
Region Of Interest tracking		-	-	-	-
Upright video mode		■	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■	■	■	■
	Built-in video analytics	■	■	■	■
	Audio detection	■	■	■	■
Sensitivity	Minimum illumination day mode (color)	0.24 lux	0.24 lux	0.24 lux	0.24 lux
	Minimum illumination night mode (black / white)	▶ 0.03 lux	0.03 lux	0 lux (IR on)	0 lux (IR on)
	Night vision	▶ -	-	■ (infrared)	■ (infrared)
	Max. range at night	▶ -	-	30 m (98 ft)	30 m (98 ft)
Lens	Automatic varifocal	■	■	■	■
	Focal length	3 - 10 mm	3 - 10 mm	3 - 10 mm	3 - 10 mm
	Horizontal Angle of View (HAoV)	31° - 99°	31° - 99°	31° - 99°	31° - 99°
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	59-238/24-94/12-48/6-24	59-238/24-94/12-48/6-24	59-238/24-94/12-48/6-24	59-238/24-94/12-48/6-24
Storage	Industrial SD card support with health monitoring	■	■	■	■
	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	1/1	1/1	1/1	1/1
	Audio in / out	■/■	■/■	■/■	■/■
	Hybrid / public view monitor	■/■	■/■	■/■	■/■
Housing	Weather rating	▶ -	IP66	-	IP66
	Vandal resistant	▶ IK04	IK10	IK04	IK10
	Operating temperature	▶ -20° to 50° C (-4° to 122° F)	-40° to 50° C (-40° to 122° F)	-20° to 50° C (-4° to 122° F)	-40° to 50° C (-40° to 122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■	■/■/■	■/■/■

IP Video Dome Cameras

►FLEXIDOME indoor 5100i ►FLEXIDOME indoor 5100i ►FLEXIDOME indoor 5100i



■ Available – Not available
► = indication of main differentiator(s)

Commercial Type Number	NDV-5702-A	NDV-5703-A	NDV-5704-A		
Bitrate management	Intelligent streaming	■	■		
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	
Basic features	Maximum resolution	▶ HD 1080p	5 MP	UHD 4K	
	Image sensor type	▶ 1/2.8"	1/2.8"	1/2.8"	
	Max. frames per second (fps)	▶ 60	30	30	
	Indoor / outdoor	■/-	■/-	■/-	
	Day / night	■	■	■	
	Wide Dynamic Range (WDR)	▶ 144dB HDR	120dB HDR	120dB HDR	
	ONVIF conformant	■	■	■	
	Built-in microphone	▶ -	-	-	
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■
		Privacy masking	■	■	■
Region Of Interest tracking		-	-	-	
Upright video mode		■	■	■	
Electronic Image Stabilization (EIS)		■ (Gyro based)	■ (Gyro based)	■ (Gyro based)	
Tamper detection / Video motion detection		■/■	■/■	■/■	
Audio detection		■	■	■	
Analytics	Intelligent Video Analytics Pro Buildings	■	■	■	
	Intelligent Video Analytics Pro Perimeter / Traffic	Optional (with license)	Optional (with license)	Optional (with license)	
Sensitivity	Minimum illumination day mode (color)	▶ 0.021 lx	0.06 lx	0.065 lx	
	Minimum illumination night mode (black / white)	▶ 0.004 lx	0.012 lx	0.020 lx	
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)	
	Max IR range	-	-	-	
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)	
	Focal length	3.2 - 10.5 mm	3.2 - 10.5 mm	3.2 - 10.5 mm	
	Horizontal Angle of View (HAoV)	▶ 105° - 31°	96° - 29°	105° - 31°	
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard)	▶ 31-138/12-55/6-28/3-14	48-200/19-79/10.40/5-20	62-275/25-109/12-55/6-28	
Storage	Industrial SD card support	■	■	■	
	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	
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 voltage	Power over Ethernet / 12V / 24V	■/-/-	■/-/-	■/-/-	
Accessories	Modular mount compatible	■	■	■	
Comissioning	USB-C port for wireless dongle	■	■	■	

IP Video Dome Cameras

►FLEXIDOME indoor 5100i IR ►FLEXIDOME indoor 5100i IR ►FLEXIDOME indoor 5100i IR



■ Available – Not available
► = indication of main differentiator(s)

Commercial Type Number	NDV-5702-AL	NDV-5703-AL	NDV-5704-AL		
Bitrate management	Intelligent streaming	■	■		
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	
Basic features	Maximum resolution	▶ HD 1080p	5MP	UHD 4K	
	Image sensor type	▶ 1/2.8"	1/2.8"	1/2.8"	
	Max. frames per second (fps)	▶ 60	30	30	
	Indoor / outdoor	■/-	■/-	■/-	
	Day / night	■	■	■	
	Wide Dynamic Range (WDR)	▶ 144dB HDR	120dB HDR	120dB HDR	
	ONVIF conformant	■	■	■	
	Built-in microphone	▶ -	-	-	
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■
		Privacy masking	■	■	■
Region Of Interest tracking		-	-	-	
Upright video mode		■	■	■	
Electronic Image Stabilization (EIS)		■ (Gyro based)	■ (Gyro based)	■ (Gyro based)	
Tamper detection / Video motion detection		■/■	■/■	■/■	
Audio detection		■	■	■	
Analytics	Intelligent Video Analytics Pro Buildings	■	■	■	
	Intelligent Video Analytics Pro Perimeter / Traffic	Optional (with license)	Optional (with license)	Optional (with license)	
Sensitivity	Minimum illumination day mode (color)	▶ 0.021 lx	0.06 lx	0.065 lx	
	Minimum illumination night mode (black / white)	▶ 0 lux with IR on	0 lux with IR on	0 lux with IR on	
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)	
	Max IR range	▶ 45 m (Intelligent IR)	45 m (Intelligent IR)	40 m (Intelligent IR)	
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)	
	Focal length	3.2 - 10.5 mm	3.2 - 10.5 mm	3.2 - 10.5 mm	
	Horizontal Angle of View (HAoV)	▶ 105° - 31°	96° - 29°	105° - 31°	
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard)	▶ 31-138/12-55/6-28/3-14	48-200/19-79/10-40/5-20	62-275/25-109/12-55/6-28	
Storage	Industrial SD card support	■	■	■	
	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	
Connections	Alarm input / output	1/1	1/1	1/1	
	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 voltage	Power over Ethernet / 12V / 24V	■/-/-	■/-/-	■/-/-	
Accessories	Modular mount compatible	■	■	■	
Comissioning	USB-C port for wireless dongle	■	■	■	

IP Video Dome Cameras

►FLEXIDOME outdoor 5100i ►FLEXIDOME outdoor 5100i ►FLEXIDOME outdoor 5100i



Outdoor



Outdoor



Outdoor

■ Available – Not available
► = indication of main differentiator(s)

Commercial Type Number		NDE-5702-A	NDE-5703-A	NDE-5704-A
Bitrate management	Intelligent streaming	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	► HD 1080p	5MP	UHD 4K
	Image sensor type	► 1/2.8"	1/2.7"	1/2.8"
	Max. frames per second (fps)	► 60	30	30
	Indoor / outdoor	■/■	■/■	■/■
	Day / night	■	■	■
	Wide Dynamic Range (WDR)	► 144dB HDR	120dB HDR	120dB HDR
	ONVIF conformant	■	■	■
	Built-in microphone	-	-	-
Advanced features	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■
	Privacy masking	■	■	■
	Region Of Interest tracking	-	-	-
	Upright video mode	■	■	■
	Electronic Image Stabilization (EIS)	■ (Gyro based)	■ (Gyro based)	■ (Gyro based)
Analytics	Tamper detection / Video motion detection	■/■	■/■	■/■
	Audio detection	■	■	■
	Intelligent Video Analytics Pro Buildings	■	■	■
	Intelligent Video Analytics Pro Perimeter / Traffic	Optional (with license)	Optional (with license)	Optional (with license)
Sensitivity	Minimum illumination day mode (color)	► 0.021 lx	0.06 lx	0.065 lx
	Minimum illumination night mode (black / white)	► 0.004 lx	0.012 lx	0.020 lx
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)
	Max IR range	-	-	-
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)
	Focal length	3.2 - 10.5 mm	3.2 - 10.5 mm	3.2 - 10.5 mm
	Horizontal Angle of View (HAoV)	► 105° - 31°	96° - 29°	105° - 31°
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard)	► 31-138/12-55/6-28/3-14	48-200/19-79/10-40/5-20	62-275/25-109/12-55/6-28
Storage	Industrial SD card support	■	■	■
	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
Connections	Alarm input / output	-	-	-
	Audio in / out	■/■	■/■	■/■
	Hybrid / public view monitor	-	-	-
Housing	Weather rating	IP66, NEMA Type 4X	IP66, NEMA Type 4X	IP66, NEMA Type 4X
	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 voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■	■/■/■
Accessories	Modular mount compatible	■	■	■
Commissioning	USB-C port for wireless dongle	■	■	■

IP Video Dome Cameras

►FLEXIDOME outdoor 5100i IR ►FLEXIDOME outdoor 5100i IR ►FLEXIDOME outdoor 5100i IR



Outdoor



Outdoor



Outdoor

■ Available – Not available
► = indication of main differentiator(s)

Commercial Type Number		NDE-5702-AL	NDE-5703-AL	NDE-5704-AL
Bitrate management	Intelligent streaming	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	► HD 1080p	5MP	UHD 4K
	Image sensor type	► 1/2.8"	1/2.7"	1/2.8"
	Max. frames per second (fps)	► 60	30	30
	Indoor / outdoor	■/■	■/■	■/■
	Day / night	■	■	■
	Wide Dynamic Range (WDR)	► 144dB	120dB	120dB
	ONVIF conformant	■	■	■
	Built-in microphone	■	■	■
Advanced features	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■
	Privacy masking	■	■	■
	Region Of Interest tracking	-	-	-
	Upright video mode	■	■	■
	Electronic Image Stabilization (EIS)	■ (Gyro based)	■ (Gyro based)	■ (Gyro based)
Analytics	Tamper detection / Video motion detection	■/■	■/■	■/■
	Audio detection	■	■	■
	Intelligent Video Analytics Pro Buildings	■	■	■
	Intelligent Video Analytics Pro Perimeter / Traffic	Optional (with license)	Optional (with license)	Optional (with license)
Sensitivity	Minimum illumination day mode (color)	► 0.021 lx	0.06 lx	0.065 lx
	Minimum illumination night mode (black / white)	► 0 lux with IR on	0 lux with IR on	0 lux with IR on
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)
	Max IR range	► 45 m (Intelligent IR)	45 m (Intelligent IR)	40 m (Intelligent IR)
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)
	Focal length	3.2 - 10.5 mm	3.2 - 10.5 mm	3.2 - 10.5 mm
	Horizontal Angle of View (HAoV)	► 105° - 31°	96° - 29°	105° - 31°
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard)	► 31-138/12-55/6-28/3-14	48-200/19-79/10-40/5-20	62-275/25-109/12-55/6-28
Storage	Industrial SD card support	■	■	■
	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
Connections	Alarm input / output	► 1/1	1/1	1/1
	Audio in / out	■/■	■/■	■/■
	Hybrid / public view monitor	► ■/■	■/■	■/■
Housing	Weather rating	IP66, NEMA Type 4X	IP66, NEMA Type 4X	IP66, NEMA Type 4X
	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 voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■	■/■/■
Accessories	Modular mount compatible	■	■	■
Commissioning	USB-C port for wireless dongle	■	■	■

IP Video Dome Cameras

► FLEXIDOME IP starlight 8000i



1080p



6MP



4K UHD

■ Available – Not available
▶ = indication of main differentiator(s)

Commercial Type Number		NDE-8512-R(T)	NDE-8513-R(T)	NDE-8514-R(T)
Video Analytics	Intelligent Video Analytics + Camera Trainer	■	■	■
Remote commissioning	Motorized Pan / Tilt / Roll / Zoom (PTRZ) with wireless support	■	■	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■
	Intelligent streaming	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	▶ HD 1080p	6MP	4K UHD
	Image sensor type	▶ 1/2.8"	1/1.8"	1/1.8"
	Max. frames per second (fps)	▶ 60	30	30
	Indoor / outdoor	■/■	■/■	■/■
	Day / night	■	■	■
	Wide Dynamic Range (WDR)	▶ 146dB HDR	120dB HDR	120dB HDR
	ONVIF conformant	■	■	■
	Built-in microphone	-	-	-
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■
	Privacy masking	■	■	■
	Region Of Interest tracking	■	■	■
	Upright video mode	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■	■/■
	Built-in video analytics	■	■	■
	Audio detection	■	■	■
Sensitivity	Minimum illumination day mode (color)	▶ 0.0104 lux (R) / 0.0179 lux (RT)	0.0509 lux (R) / 0.1222 lux (RT)	0.0540 lux (R) / 0.1251 lux (RT)
	Minimum illumination night mode (black / white)	▶ 0.0039 lux (R) / 0.0066 lux (RT)	0.0086 lux (R) / 0.0198 lux (RT)	0.0098 lux (R) / 0.0200 lux (RT)
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)
	Max. range at night (IR range)	-	-	-
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)
	Focal length	▶ 3 - 9 mm (R) / 10 - 23 mm (RT)	3.9 - 10 mm (R) / 12 - 40 mm (RT)	3.9 - 10 mm (R) / 12 - 40 mm (RT)
	Horizontal Angle of View (HAoV)	▶ 117° - 37° (R) / 32° - 14.4° (RT)	117° - 44° (R) / 36° - 12.6° (RT)	117° - 44° (R) / 36° - 12.6° (RT)
DORI distances	Detect / Observe / Recognize / Identify (ft)	▶ 24-115/9-46/5-23/2-12	40-162/16-64/8-32/4-16	47-190/195-75/9-38/5-19
	(Distances according to EN-IEC 62676-4 standard)	134-304/53-121/27-61/13-30	201-591/80-235/40-118/20-59	236-696/94-276/47-139/24-70
Storage	Industrial SD card support with health monitoring	■ (2 slots)	■ (2 slots)	■ (2 slots)
	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
Connections	Alarm input / output	2/1 + 12V 50mA out	2/1 + 12V 50mA out	2/1 + 12V 50mA out
	Audio in / out	■/■	■/■	■/■
	Hybrid / public view monitor	-	-	-
Housing	Weather rating	IP66, IP6K9K and NEMA type 4X	IP66, IP6K9K and NEMA type 4X	IP66, IP6K9K and NEMA type 4X
	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 voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■
Accessories	Modular mount compatible	■	■	■

IP Video Dome Cameras

► FLEXIDOME IP starlight 8000i - X series



Next level starlight X performance



1080p

HDR X



Next level starlight X performance



4MP

HDR X

■ Available – Not available
▶ = indication of main differentiator(s)

Commercial Type Number		NDE-8512-RX(T)	NDE-8513-RX(T)
Video Analytics	Intelligent Video Analytics + Camera Trainer	■	■
Remote commissioning	Motorized Pan / Tilt / Roll / Zoom (PTRZ) with wireless support	■	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■
	Intelligent streaming	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	▶ HD 1080p	4.1MP
	Image sensor type	▶ 1/1.8"	1/1.8"
	Max. frames per second (fps)	▶ 60	60
	Indoor / outdoor	■/■	■/■
	Day / night	■	■
	Wide Dynamic Range (WDR)	▶ 144dB HDR X	141dB HDR X
	ONVIF conformant	■	■
	Built-in microphone	-	-
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■
	Privacy masking	■	■
	Region Of Interest tracking	■	■
	Upright video mode	■	■
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■
	Built-in video analytics	■	■
	Audio detection	■	■
Sensitivity	Minimum illumination day mode (color)	▶ 0.0061 lux (R) / 0.0178 lux (RT)	0.0078 lux (R) / 0.0247 lux (RT)
	Minimum illumination night mode (black / white)	▶ 0.0007 lux (R) / 0.0026 lux (RT)	0.0008 lux (R) / 0.0030 lux (RT)
	Night vision	■ (starlight X)	■ (starlight X)
	Max. range at night (IR range)	-	-
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)
	Focal length	4.4 - 10 mm (R) / 12 - 40 mm (RT)	4.4 - 10 mm (R) / 12 - 40 mm (RT)
	Horizontal Angle of View (HAoV)	110° - 48° (R) / 36.8° - 12.8° (RT)	110° - 48° (R) / 36.8° - 12.8° (RT)
DORI distances	Detect / Observe / Recognize / Identify (m)	▶ 27-86/11-34/5-17/3-9	38-121/15-48/8-24/4-12
	(Distances according to EN-IEC 62676-4 standard)	115-342/46-136/23-68/12-34	162-479/64-190/32/96/16-48
Storage	Industrial SD card support with health monitoring	■ (2 slots)	■ (2 slots)
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	2/1 + 12V 50mA out	2/1 + 12V 50mA out
	Audio in / out	■/■	■/■
	Hybrid / public view monitor	-	-
Housing	Weather rating	IP66, IP6K9K and NEMA type 4X	IP66, IP6K9K and NEMA type 4X
	Vandal resistant	IK10+	IK10+
	Operating temperature	-50° to +60° C (-58° to +140° F)	-50° to +60° C (-58° to +140° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■
Accessories	Modular mount compatible	■	■

IP Video Dome Cameras

► FLEXIDOME IP indoor 8000i



1080p



6MP



4K UHD

■ Available – Not available
▶ = indication of main differentiator(s)

Commercial Type Number		NDV-8502-R	NDV-8503-R	NDV-8504-R	
Video Analytics	Intelligent Video Analytics + Camera Trainer	■	■	■	
Remote commissioning	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	■	■	■	
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■	
	Intelligent streaming	■	■	■	
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	
Basic features	Maximum resolution ▶	HD 1080p	6MP	4K UHD	
	Image sensor type ▶	1/2.8"	1/1.8"	1/1.8"	
	Max. frames per second (fps) ▶	60	30	30	
	Indoor	■	■	■	
	Day / night	■	■	■	
	Wide Dynamic Range (WDR) ▶	146dB HDR	120dB HDR	120dB HDR	
	ONVIF conformant	■	■	■	
	Built-in microphone	■	■	■	
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■	■/■
		Privacy masking	■	■	■
Region Of Interest tracking		■	■	■	
Upright video mode		■	■	■	
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■	■/■	
	Built-in video analytics	■	■	■	
	Audio detection	■	■	■	
Sensitivity	Minimum illumination day mode (color) ▶	0.0104 lux	0.0509 lux	0.0540 lux	
	Minimum illumination night mode (black / white) ▶	0.0039 lux	0.0086 lux	0.0098 lux	
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)	
	Max. range at night (IR range)	-	-	-	
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)	
	Focal length ▶	3 - 9 mm	3.9 - 10 mm	3.9 - 10 mm	
	Horizontal Angle of View (HAoV) ▶	117° - 37°	117° - 44°	117° - 44°	
DORI distances	Detect / Observe / Recognize / Identify (m) ▶ (Distances according to EN-IEC 62676-4 standard)	24-115/9-46/5-23/2-12	40-162/16-64/8-32/4-16	47-190/195-75/9-38/5-19	
Storage	Industrial SD card support with health monitoring	■ (2 slots)	■ (2 slots)	■ (2 slots)	
	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	
Connections	Alarm input / output	4x virtual input	4x virtual input	4x virtual input	
	Audio in / out	-	-	-	
	Hybrid / public view monitor	-	-	-	
Housing	Weather rating	IP5X / IP54 with NDA-8001-IP	IP5X / IP54 with NDA-8001-IP	IP5X / IP54 with NDA-8001-IP	
	Vandal resistant	IK10	IK10	IK10	
	Operating temperature	-20° to +55° C (-4° to +131° F)	-20° to +55° C (-4° to +131° F)	-20° to +55° C (-4° to +131° F)	
	Power input voltage	PoE/-/-	PoE/-/-	PoE/-/-	
Accessories	Modular mount compatible	■	■		

IP Video Dome Cameras

► FLEXIDOME IP indoor 8000i - X series



Next level starlight X performance



1080p

HDR X



Next level starlight X performance



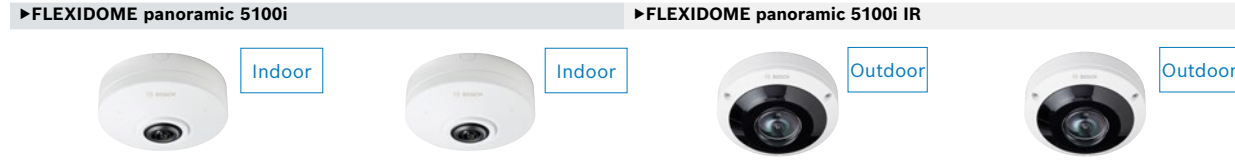
4.1MP

HDR X

■ Available – Not available
▶ = indication of main differentiator(s)

Commercial Type Number		NDV-8502-RX	NDV-8503-RX	
Video Analytics	Intelligent Video Analytics + Camera Trainer	■	■	
Remote commissioning	Motorized Pan / Tilt / Roll / Zoom (PTRZ)	■	■	
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	
	Intelligent streaming	■	■	
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	
Basic features	Maximum resolution ▶	HD 1080p	4.1MP	
	Image sensor type ▶	1/1.8"	1/1.8"	
	Max. frames per second (fps)	60	60	
	Indoor	■	■	
	Day / night	■	■	
	Wide Dynamic Range (WDR) ▶	144dB HDR X	141dB HDR X	
	ONVIF conformant	■	■	
	Built-in microphone	■	■	
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■
		Privacy masking	■	■
Region Of Interest tracking		■	■	
Upright video mode		■	■	
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■	
	Built-in video analytics	■	■	
	Audio detection	■	■	
Sensitivity	Minimum illumination day mode (color) ▶	0.0061 lux	0.0078 lux	
	Minimum illumination night mode (black / white) ▶	0.0007 lux	0.0008 lux	
	Night vision	■ (starlight X)	■ (starlight X)	
	Max. range at night (IR range)	-	-	
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	
	Focal length	4.4 -10 mm	4.4 - 10 mm	
	Horizontal Angle of View (HAoV)	110° - 48°	110° - 48°	
DORI distances	Detect / Observe / Recognize / Identify (m) ▶ (Distances according to EN-IEC 62676-4 standard)	27-86/11-34/5-17/3-9	38-121/15-48/8-24/4-12	
Storage	Industrial SD card support with health monitoring	■ (2 slots)	■ (2 slots)	
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	
Connections	Alarm input / output	4x virtual input	4x virtual input	
	Audio in / out	-	-	
	Hybrid / public view monitor	-	-	
Housing	Weather rating	IP5X / IP54 with NDA-8001-IP	IP5X / IP54 with NDA-8001-IP	
	Vandal resistant	IK10	IK10	
	Operating temperature	-20° to +55° C (-4° to +131° F)	-20° to +55° C (-4° to +131° F)	
	Power input voltage	PoE/-/-	PoE/-/-	
Accessories	Modular mount compatible	■		

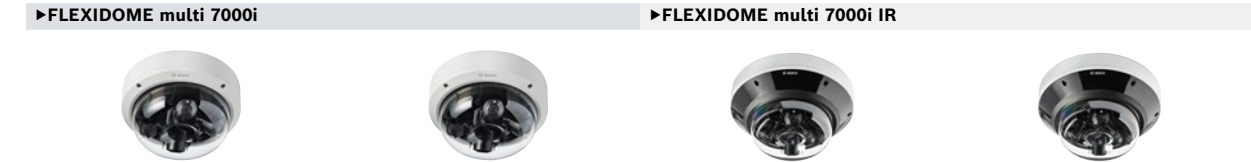
IP Video Dome Cameras



■ Available – Not available
▶ = indication of main differentiator(s)

Commercial Type Number		NDS-5703-F360	NDS-5704-F360	NDS-5703-F360LE	NDS-5704-F360LE
Analytics	Intelligent Video Analytics + Camera Trainer	■	■	■	■
	Intelligent Audio Analytics Gunshot detection	Optional (with license)	Optional (with license)	Optional (with license)	Optional (with license)
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■	■
	Intelligent streaming	■	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/4 streams	■/4 streams	■/4 streams	■/4 streams
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)	30	30	30	30
	Indoor / outdoor ▶	■/-	■/-	■/■	■/■
	Day / night	■	■	■	■
	Wide Dynamic Range (WDR)	120dB HDR	120dB HDR	120dB HDR	120dB HDR
	ONVIF conformant	■	■	■	■
	Built-in microphone	Microphone array	Microphone array	Microphone array	Microphone array
	HMDI out	■	■	■	■
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■
	Edge dewarping	■	■	■	■
	Privacy masking	■	■	■	■
	Region Of Interest tracking	■	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■	■	■	■
	Built-in video analytics	■	■	■	■
	Audio detection	■	■	■	■
	PTZ Intelligent Tracking	future support	future support	future support	future support
Sensitivity	Night vision ▶	-	-	■ (IR)	■ (IR)
	Max. range at night ▶	-	-	20 m (66 ft)	20 m (66 ft)
Lens	Focal length ▶	1.155 mm	1.26 mm	1.155 mm	1.26 mm
	Field of View (FoV)	360°	360°	360°	360°
DORI distances	Detect / Observe / Recognize / Identify (Distances in according to EN-IEC 62676-4 standard) ▶	28 m/11.5 m/5.5 m/2.1 m	45.5 m/18 m/8.5 m/3.8 m	28 m/11.5 m/5.5 m/2.1 m	45.5 m/18 m/8.5 m/3.8 m
	Storage	Industrial SD card support	■	■	■
	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 ▶	-	-	1/1	1/1
	Audio in / out ▶	-	-	■	■
	HDMI output / public view monitor	■/■	■/■	■/■	■/■
Housing	Weather rating ▶	-	-	IP66 NEMA Type 4X	IP66 NEMA Type 4X
	Vandal resistant ▶	IK08 (except lens)	IK08 (except lens)	IK10	IK10
	Operating temperature ▶	-10° to +45° C	-10° to +45° C	-40° to +55° C	-40° to +55° C
Power input voltage	Power over Ethernet / 12V / 24V ▶	PoE/-/-	PoE/-/-	PoE/■/■	PoE/■/■
Accessories	Modular mount compatible	■	■	■	■

IP Video Dome Cameras



■ Available – Not available
▶ = indication of main differentiator(s)

Commercial Type Number		NDM-7702-A	NDM-7703-A	NDM-7702-AL	NDM-7703-AL
Video Analytics	Intelligent Video Analytics + Camera Trainer	■	■	■	■
Remote commissioning	USB-C port for wireless dongle	■	■	■	■
Bitrate management	Dynamic Noise Reduction	■	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/4x4 streams	■/4x4 streams	■/4x4 streams	■/4x4 streams
Basic features	Maximum resolution ▶	4x 3MP	4x 5MP	4x 3MP	4x 5MP
	Image sensor type ▶	1/2.7	1/2.7	1/2.7	1/2.7
	Max. frames per second (fps)	30	30	30	30
	Indoor / outdoor	■/■	■/■	■/■	■/■
	Day / night	■	■	■	■
	Wide Dynamic Range (WDR)	120dB HDR	120dB HDR	120dB HDR	120dB HDR
	ONVIF conformant	■	■	■	■
	Built-in microphone	■	■	■	■
	HMDI out	-	-	-	-
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	Defog	Defog	Defog
	Upright video mode	■	■	■	■
	Privacy masking	■	■	■	■
	Region Of Interest tracking	N/A	N/A	N/A	N/A
Alarm triggering	Tamper detection / Video motion detection	■	■	■	■
	Built-in video analytics	■	■	■	■
	Audio detection	■	■	■	■
Sensitivity	Minimum illumination day mode (color)	0.091	0.091	0.091	0.091
	Minimum illumination night mode (black / white)	0.012	0.012	0.012	0.012
Lens	Night vision ▶	-	-	■ (IR)	■ (IR)
	Max. range at night ▶	-	-	30 m (98 ft)	30 m (98 ft)
	Focal length	3.7-7.7 mm	3.7-7.7 mm	3.7-7.7 mm	3.7-7.7 mm
DORI distances	Horizontal Angle of View (HAoV)	85.1 - 38.7	85.1 - 38.7	85.1 - 38.7	85.1 - 38.7
	Detect / Observe / Recognize / Identify (Distances in according to EN-IEC 62676-4 standard) ▶	45-117 m/18-46 m/9-23 m/4-12 m	57-148 m/22-59 m/11-30 m/6-15 m	45-117 m/18-46 m/9-23 m/4-12 m	57-148 m/22-59 m/11-30 m/6-15 m
Storage	Industrial SD card support	■	■	■	■
	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	1/1	1/1	1/1	1/1
	Audio in / out	■	■	■	■
	Hybrid / public view monitor	-	-	-	-
Housing	Weather rating	IP66 NEMA Type 4X	IP66 NEMA Type 4X	IP66 NEMA Type 4X	IP66 NEMA Type 4X
	Vandal resistant	IK10	IK10	IK10	IK10
	Operating temperature	-50° to +55° C	-50° to +55° C	-50° to +55° C	-50° to +55° C
Power input voltage	Power over Ethernet / 12V / 24V ▶	PoE 802.3at Type 2, Class 4, 24 VAC	PoE 802.3at Type 2, Class 4, 24 VAC	PoE 802.3at Type 3, Class 5, 24 VAC	PoE 802.3at Type 3, Class 5, 24 VAC
Accessories	Modular mount compatible	■	■	■	■

IP Video Fixed Cameras

►DINION 5100i IR



■ Available – Not available
▶ = indication of main differentiator(s)

Commercial Type Number	NBE-5702-AL	NBE-5703-AL	NBE-5704-AL		
Bitrate management	Intelligent Dynamic Noise Reduction	–	–		
	Intelligent streaming	–	–		
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	
Basic features	Maximum resolution ▶	HD 1080P	5MP	4K ultra HD	
	Image sensor type ▶	1/2.8"	1/2.7"	1/2.8"	
	Max. frames per second (fps) ▶	60	30	30	
	Indoor / outdoor	–/■	–/■	–/■	
	Day / night	■	■	■	
	Wide Dynamic Range (WDR) ▶	144 dB HDR	120 dB HDR	120 dB HDR	
	ONVIF conformant	■	■	■	
	Built-in microphone	–	–	–	
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	–/■	–/■	–/■
		Privacy masking	■	■	■
Region Of Interest tracking		–	–	–	
Upright video mode		■	■	■	
Analytics	Tamper detection / Video motion detection	■ (Gyro based)	■ (Gyro based)	■ (Gyro based)	
	Intelligent Video Analytics Pro (IVA Pro): Buildings	■	■	■	
	Intelligent Video Analytics Pro (IVA Pro): Traffic, Perimeter	Optional (with license)	Optional (with license)	Optional (with license)	
Sensitivity	Minimum illumination day mode (color) ▶	0.021 lux	0.06 lux	0.065 lux	
	Minimum illumination night mode (black / white)	0 lux with IR on	0 lux with IR on	0 lux with IR on	
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)	
	Max. range at night (IR range) ▶	60 m	60 m	45 m	
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)	
	Focal length	3.2 - 10.5 mm	3.2 - 10.5 mm	3.2 - 10.5 mm	
	Horizontal Angle of View (HAoV)	105° - 57°	96° - 71°	105° - 57°	
	DORI distances	Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard)	31-138/12-55/6-28/3-14	48-200/19-79/10-40/5-20	62-275/25-109/12-55/6-28
Storage	Industrial SD card support with health monitoring	■ 1 slot	■ 1 slot	■ 1 slot	
	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	
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 °F +131 °F)	-40° to +55° C (-40 °F +131 °F)	-40° to +55° C (-40 °F +131 °F)	
Power input voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■	■/■/■	
Accessories	Modular mount compatible	■	■	■	
Commissioning	USB-C port for wireless dongle	■	■	■	

IP Video Fixed Cameras

►DINION 7100i IR

►DINION 7100i IR

►DINION 7100i IR

►DINION 7100i IR



■ Available – Not available
▶ = indication of main differentiator(s)

Commercial Type Number	NBE-7702-ALX	NBE-7702-ALXT	NBE-7703-ALX	NBE-7703-ALXT		
Bitrate management	Intelligent Dynamic Noise Reduction	–	–	–		
	Intelligent streaming	■	■	■		
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams	
Basic features	Maximum resolution ▶	HD 1080p	HD 1080p	4MP	4MP	
	Image sensor type ▶	1/1.8"	1/1.8"	1/1.8"	1/1.8"	
	Max. frames per second (fps)	60	60	60	60	
	Indoor / outdoor	Indoor/outdoor	Indoor/outdoor	Indoor/outdoor	Indoor/outdoor	
	Day / night	■/■	■/■	■/■	■/■	
	Wide Dynamic Range (WDR) ▶	144dB HDR X	144dB HDR X	141dB HDR X	141dB HDR X	
	ONVIF conformant	■	■	■	■	
	Built-in microphone	–	–	–	–	
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	–/–	–/–	–/–	–/–
		Privacy masking	■	■	■	■
Region Of Interest tracking		–	–	–	–	
Upright video mode		■	■	■	■	
Analytics	Tamper detection / Video motion detection	■/■	■/■	■/■	■/■	
	Audio detection	■	■	■	■	
	Intelligent Video Analytics Pro: Buildings and Perimeter	■	■	■	■	
	Intelligent Video Analytics Pro: Traffic	Optional (with license)	Optional (with license)	Optional (with license)	Optional (with license)	
	Sensitivity	Minimum illumination day mode (color) ▶	0.0061 lux	0.0061 lux	0.0078 lux	0.0078 lux
Sensitivity	Minimum illumination night mode (black / white) ▶	0.0010 lux / 0 lux with IR	0.0011 lux / 0 lux with IR	0.0011 lux / 0 lux with IR	0.0013lux / 0 lux with IR	
	Night vision	■ 850nm IR default, optional 940nm invisible IR or white light	■ 850nm IR default, optional 940nm invisible IR or white light	■ 850nm IR default, optional 940nm invisible IR or white light	■ 850nm IR default, optional 940nm invisible IR or white light	
	Max. range at night ▶	80 m (262 ft) (default)	140 m (459 ft) (default)	80 m (262 ft) (default)	140 m (459 ft) (default)	
	Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)	■ (P-iris)
Focal length ▶		4.7 - 10 mm	10.5 - 47 mm	4.7 - 10 mm	10.5 - 47 mm	
Horizontal Angle of View (HAoV) ▶		103 - 48°	41.6 - 9.3°	103 - 48°	41.6 - 9.3°	
DORI distances	Detect / Observe / Recognize / Identify (m) ▶	30-86/12-34/6-17/3-9	101-472/40-187/20-94/10-47	42-101/17-40/8-20/4-10	141-661/56-262/28-132/14-66	
	(Distances in according to EN-IEC 62676-4 standard)					
Storage	Industrial SD card support with health monitoring	■ (2 slots)	■ (2 slots)	■ (2 slots)	■ (2 slots)	
	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	4x virtual input	4x virtual input	4x virtual input	4x virtual input	
	Audio in / out	■/■	■/■	■/■	■/■	
	Hybrid / public view monitor	–	–	–	–	
Housing	Weather rating	IP66/ IP67/IP6K9K	IP66/ IP67/IP6K9K	IP66/ IP67/IP6K9K	IP66/ IP67/IP6K9K	
	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 voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■	■/■/■	■/■/■	
Accessories	Modular mount compatible	■	■	■	■	

IP Video Fixed Cameras

■ Available – Not available
▶ = indication of main differentiator(s)

▶DINION 7100i IR ▶DINION 7100i IR ▶DINION 7100i IR



Commercial Type Number	NBE-7704-AL	NBE-7704-ALT	NBE-7704-ALX		
Bitrate management	Intelligent Dynamic Noise Reduction	–	–		
	Intelligent streaming	■	■		
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	
Basic features	Maximum resolution	8MP	8MP	8MP	
	Image sensor type ▶	1/1.8"	1/1.8"	1/1.2"	
	Max. frames per second (fps)	30	30	30	
	Indoor / outdoor	Indoor/outdoor	Indoor/outdoor	Indoor/outdoor	
	Day / night	■/■	■/■	■/■	
	Wide Dynamic Range (WDR)	120dB HDR	To be announced	To be announced	
	ONVIF conformant	■	■	■	
	Built-in microphone	–	–	–	
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	–/–	–/–	–/–
		Privacy masking	■	■	■
Region Of Interest tracking		–	–	–	
Upright video mode		■	■	■	
Analytics	Tamper detection / Video motion detection	■/■	■/■	■/■	
	Audio detection	■	■	■	
	Intelligent Video Analytics Pro: Buildings and Perimeter	■	■	■	
Sensitivity	Intelligent Video Analytics Pro: Traffic	Optional (with license)	Optional (with license)	Optional (with license)	
	Minimum illumination day mode (color)	0.054 lux	To be announced	To be announced	
	Minimum illumination night mode (black / white)	0.0098 lux (0 with IR)	To be announced	To be announced	
Lens	Night vision	■ 850nm IR default, optional 940nm invisible IR or white light	■ 850nm IR default, optional 940nm invisible IR or white light	■ 850nm IR default, optional 940nm invisible IR or white light	
	Max. range at night ▶	60 m (197 ft) (default)	To be announced	80 m (262 ft) (default)	
	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)	
	Focal length ▶	4.4 - 10 mm	12 - 38 mm	5.9 - 13 mm	
DORI distances	Horizontal Angle of View (HAoV)	108 - 44°	To be announced	To be announced	
	Detect / Observe / Recognize / Identify (m) (Distances in according to EN-IEC 62676-4 standard)	55-190/22-75/11-38/5-19	To be announced	To be announced	
Storage	Industrial SD card support with health monitoring	■ (2 slots)	■ (2 slots)	■ (2 slots)	
	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	
Connections	Alarm input / output	4x virtual input	4x virtual input	4x virtual input	
	Audio in / out	■/■	■/■	■/■	
	Hybrid / public view monitor	–	–	–	
Housing	Weather rating	IP66/ IP67/IP6K9K	IP66/ IP67/IP6K9K	IP66/ IP67/IP6K9K	
	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 voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■	■/■/■	
Accessories	Modular mount compatible	■	■	■	

IP Video Fixed Cameras

■ Available – Not available
▶ = indication of main differentiator(s)

▶DINION IP starlight 6000 HD ▶DINION IP starlight 7000 HD ▶DINION IP starlight 6000 HD ▶DINION IP starlight 7000 HD



Commercial Type Number	NBN-63013-B**	NBN-73013-BA**	NBN-63023-B**	NBN-73023-BA**		
Video Analytics	Essential Video Analytics ▶	■	–	■		
	Intelligent Video Analytics ▶	–	■	–		
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■		
	Intelligent streaming	■	■	■		
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	–/■/4 streams	–/■/4 streams	–/■/4 streams	–/■/4 streams	
Basic features	Maximum resolution ▶	720p	720p	1080p	1080p	
	Image sensor type ▶	1/2.8"	1/2.8"	1/2.8"	1/2.8"	
	Max. frames per second (fps) ▶	60 fps@720p	60 fps@720p	60 fps@1.3MP / 1080p	60 fps@1.3MP / 1080p	
	Indoor / outdoor	■/■ (with housing)	■/■ (with housing)	■/■ (with housing)	■/■ (with housing)	
	Day / night	■	■	■	■	
	Wide Dynamic Range (WDR)	120dB	120dB	120dB	120dB	
	ONVIF conformant	■	■	■	■	
	Built-in microphone	–	–	–	–	
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■	■/■	■/■
		Privacy masking	■	■	■	■
Region Of Interest tracking		■	■	■	■	
Upright video mode		■	■	■	■	
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■	■/■	■/■	
	Built-in video analytics	■	■	■	■	
	Audio detection	■	■	■	■	
Sensitivity	Minimum illumination day mode (color)	0.0069 lux	0.0069 lux	0.0069 lux	0.0069 lux	
	Minimum illumination night mode (black / white)	0.0008 lux	0.0008 lux	0.0008 lux	0.0008 lux	
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)	■ (starlight)	
Lens	Max. range at night	–	–	–	–	
	Automatic Back Focus (ABF)	■	■	■	■	
	Automatic varifocal	–	–	–	–	
	Focal length	Lenses available separately C/CS mount 1.8 - 3 mm, 3.8 - 13 mm, 9 - 40 mm	Lenses available separately C/CS mount 1.8 - 3 mm, 3.8 - 13 mm, 9 - 40 mm	Lenses available separately C/CS mount 1.8 - 3 mm, 3.8 - 13 mm, 9 - 40 mm	Lenses available separately C/CS mount 1.8 - 3 mm, 3.8 - 13 mm, 9 - 40 mm	
DORI distances	Horizontal Angle of View (HAoV)	depending on optional lens	depending on optional lens	depending on optional lens	depending on optional lens	
	Detect / Observe / Recognize / Identify (Distances in according to EN-IEC 62676-4 standard)	depending on optional lens	depending on optional lens	depending on optional lens	depending on optional lens	
Storage	Industrial SD card support with health monitoring	■	■	■	■	
	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	2/1	2/1	2/1	2/1	
	Audio in / out	■/■	■/■	■/■	■/■	
	Hybrid / public view monitor	■/■	■/■	■/■	■/■	
Housing	Weather rating	depending on optional housing	depending on optional housing	depending on optional housing	depending on optional housing	
	Vandal resistant	depending on optional housing	depending on optional housing	depending on optional housing	depending on optional housing	
	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)	-30° to 50° C (-22° to 122° F)	
Power input voltage	Power over Ethernet / 12V / 24V	■/■/–	■/■/–	■/■/–	■/■/–	

** Lens not included

IP Video
Fixed Cameras

■ Available – Not available
▶ = indication of main differentiator(s)

▶DINION IP starlight 8000 MP ▶DINION IP ultra 8000 MP



starlight



4K UHD

Commercial Type Number	NBN-80052-BA**	NBN-80122-CA**
Video Analytics	Intelligent Video Analytics	■
Bitrate management	Intelligent Dynamic Noise Reduction	■
	Intelligent streaming	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	-/■/4 streams
Basic features	Maximum resolution	5 MP (16:9)/5.5 MP (4:3)
	Image sensor type	▶ 1/1.8"
	Max. frames per second (fps)	▶ 30 fps@5 MP
	Indoor / outdoor	■/■ (with housing)
	Day / night	■
	Wide Dynamic Range (WDR)	▶ 97dB (5MP)/105dB (1080p) (with IAE + 16dB)
	ONVIF conformant	■
	Built-in microphone	-
	Power over Ethernet (PoE)	■
	Advanced features	Intelligent Auto Exposure / Intelligent Defog
Privacy masking		■
Region Of Interest tracking		■
Audio detection		■
Alarm triggering	Tamper detection / Video motion detection	■/■
	Built-in video analytics	■
	Audio detection	■
Sensitivity	Minimum illumination day mode (color)	▶ 0.0121 lux (5 MP) 0.0083 lux (1080p)
	Minimum illumination night mode (black / white)	▶ 0.004 lux (5 MP) 0.0028 lux (1080p)
	Night vision	▶ ■ (starlight)
	Max. range at night	-
Lens	Automatic Back Focus (ABF)	■
	Automatic varifocal	-
	Focal length	▶ C/CS mount 4.1-9 mm/12.5-50 mm
	Horizontal Angle of View (HAoV)	depending on optional lens
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	depending on optional lens
	Storage	Industrial SD card support with health monitoring
Connections	Alarm input / output	2/1
	Audio in / out	■/■
	Hybrid / public view monitor	■/■
Housing	Weather rating	-
	Vandal resistant	-
	Operating temperature	-20° to 50° C (-4° to 122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/-

** Lens not included

IP Video
Specialty Cameras

■ Available – Not available

▶FLEXIDOME corner 7100 IR



Commercial Type Number	NCE-7703-FK	
Bitrate management	Intelligent Dynamic Noise Reduction	■
	Intelligent streaming	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams
Basic features	Maximum resolution	6MP
	Image sensor type	1/1.8"
	Max. frames per second (fps)	30
	Indoor / outdoor	■
	Day / night	■
	Wide Dynamic Range (WDR)	120dB HDR
	ONVIF conformant	■
	Built-in microphone	Microphone array
	Visible activity LED	■
	Advanced features	Intelligent Auto Exposure / Intelligent Defog
Privacy masking		■
Nbr of presets		8
Analytics	Tamper detection / Video motion detection	■/■
	Built-in video analytics	■
	Intelligent Audio Analytics	■ (License)
	Intelligent Video Analytics Pro (IVA Pro): Buildings Pack and Perimeter Pack	■
Sensitivity	Intelligent Video Analytics Pro (IVA Pro): Traffic Pack	-
	Minimum illumination day mode (color)	0.3 lux
	Minimum illumination night mode (black / white) (IR on)	0
	Night vision	■ (Intelligent IR)
Lens	Max. range at night	15 m (50 ft)
	Focal length	2.5 mm
	Horizontal Angle of View (HAoV)	131°
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard)	25.7/10.2/5.1/2.6
Storage	Industrial SD card support with health monitoring	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	1/1
	Audio in / out	■
	Hybrid / public view monitor	-
Housing	Weather rating	IP66
	Vandal resistant	IK10+ 50J (IK11)
	Operating temperature	-10° to 50° C (-14° to 122° F)
Power input voltage	Power over Ethernet / 12V / 24V	PoE/■/■
Accessories	Conduit Back Box	■
	Modular Mount Compatible	-

IP Video Specialty Cameras

■ Available – Not available
▶ = indication of main differentiator(s)

▶DINION IP thermal 8000 ▶DINION IP thermal 8000



QVGA



VGA

Commercial Type Number	NHT-8000-F	NHT-8001-F	
Video Analytics	Intelligent Video Analytics	■	
Bitrate management	Intelligent Dynamic Noise Reduction	-	
	Intelligent streaming	■	
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	-/■/4 streams	
Basic features	Maximum resolution	▶ QVGA	
	Image sensor type	Un-cooled vanadium oxide microbolometer	
	Max. frames per second (fps)	▶ 9 fps (-FxxQS) or 60 fps (-FxxQF)	
	Indoor / outdoor	■/■	
	Day / night	-	
	Wide Dynamic Range (WDR)	-	
	ONVIF conformant	■	
	Built-in microphone	-	
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	-/-
		Privacy masking	Eight independent areas, fully programmable
Region Of Interest tracking		-	
Alarm triggering	Tamper detection / Video motion detection	■/■	
	Built-in video analytics	■	
	Audio detection	■	
Sensitivity	Minimum illumination day mode (color)	-	
	Minimum illumination night mode (black / white)	0 lux	
	Night vision	■ (thermal)	
	Max. range at night	-	
Lens	Automatic Back Focus (ABF)	-	
	Automatic varifocal	-	
	Focal length	▶ 7.5 mm (-F07Qx), 19 mm (-F19Qx)	
DRI distances	Horizontal Angle of View (HAoV)	▶ 7.5 mm: 41.8°, 19 mm: 16°	
	Detection / Recognition / Identification	▶	
		7.5 mm: 140 m (459 ft) / 35 m (115 ft) / 18 m (59 ft) 19 mm: 380 m (1247 ft) / 95 m (312 ft) / 48 m (157 ft)	
		9 mm: 155 m (509ft) / 40 m (131 ft) / 20 m (66 ft) 16.7 mm: 315 m (1033 ft) / 80 m (262 ft) / 40 m (131 ft) 35 mm: 690 m (2264 ft) / 170 m (558 ft) / 85 m (279 ft) 65 mm: 1270 m (4167 ft) / 320 m (1050 ft) / 160 m (525 ft)	
Storage	Industrial SD card support with health monitoring	■	
	Cloud application storage	Auto or Alarm JPEG Posting (FTP only)	
Connections	Alarm input / output	2/1	
	Audio in / out	■/■	
	Hybrid / public view monitor	■	
Housing	Weather rating	IP66	
	Vandal resistant	-	
	Operating temperature	-50° to 55° C (-58° to 131° F)	
Power input voltage	Power over Ethernet / 12V / 24V	-/-/■	

IP Video Moving Cameras

■ Available – Not available
▶ = indication of main differentiator(s)

▶AUTODOME IP starlight 7000i ▶AUTODOME inteox 7000i



H.265



H.265

Commercial Type Number	NDP-7512-Z30	NDP-7602-Z30x	
Bitrate management	Intelligent Dynamic Noise Reduction	■	
	Intelligent streaming	■	
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	
Basic features	Maximum resolution	HD 1080p	
	Image sensor type	1/2.8"	
	Max. frames per second (fps)	60 fps@720p 30 fps@1080p	
	Indoor / outdoor	■/■	
	Day / night	■	
	Wide Dynamic Range (WDR)	120dB	
Advanced features	ONVIF conformant	■	
	Built-in microphone	-	
	Intelligent Auto Exposure / Intelligent Defog	-/■	
	Privacy masking	■	
	Nbr of presets/guard tours	256/2	
	Wiper	-	
	Intelligent Tracking	■	
	Analytics	Tamper detection / Video motion detection	■/■
		Intelligent Video Analytics (Including standard Intelligent Tracking)	▶ ■
		Intelligent Video Analytics Pro Buildings	▶ -
Intelligent Video Analytics Pro Perimeter (Including standard Intelligent Tracking)		▶ -	
Intelligent Video Analytics Pro Traffic		▶ -	
Intelligent Video Analytics Pro Intelligent Tracking		▶ -	
Sensitivity	Minimum illumination day mode (color)	0.0077 lux	
	Minimum illumination night mode (black / white)	0.0008 lux	
	Night vision	■ (starlight)	
	Max. range at night	-	
Lens	Focal length	4.3 - 129 mm	
	Horizontal Angle of View (HAoV)	2.3° to 64.7°	
	PTZ Zoom optical/digital	30x/12x	
	Tilt angle	-90° to 14° (pendant)	
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	61-1913/24-765/12-383/6-191	
Storage	Industrial SD card support with health monitoring	■	
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	
Connections	Alarm input / output	7/4	
	Audio in / out	■/■	
	Hybrid / public view monitor	-/-	
Housing	Weather rating	IP66 (pendant)/IP54 (in-ceiling)	
	Vandal resistant	IK10 (with rugged bubble)	
	Operating temperature	-40° to 55° C (-40° to 131° F)	
Power input voltage	Power over Ethernet / 12V / 24Vac	■ (HiPoE)/-/■ (pendant) ■ (PoE+)/-/■ (in-ceiling)	

* Restricted product, contact your Bosch representative

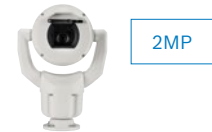


IP Video Moving Cameras

■ Available – Not available
▶ = indication of main differentiator(s)

	▶AUTODOME 7100i	▶AUTODOME 7100i IR	▶AUTODOME 7100i IR
	 2MP	 2MP	 8MP
Commercial Type Number	NDP-7602-Z40	NDP-7602-Z40L	NDP-7604-Z12L
Bitrate management	Intelligent Dynamic Noise Reduction Intelligent streaming Compression (H.265 / H.264 & MJPEG) / multi-streaming	– – ■/■/4 streams	– – ■/■/4 streams
Basic features	Maximum resolution ▶ HD 1080p Image sensor type ▶ 1/2.8" Max. frames per second (fps) ▶ 60 Indoor / outdoor ■/■ Day / night ■ Wide Dynamic Range (WDR) ▶ 120dB ONVIF conformant ■	HD 1080p 1/2.8" 60 ■/■ ■ 120dB ■	4K UHD 1" 30 ■/■ ■ 62dB ■
Advanced features	Intelligent Auto Exposure / Intelligent Defog Privacy masking Nbr of presets/guard tours Wiper Intelligent tracking	■/■ ■ 256/2 – ■	■/■ ■ 256/2 – ■
Analytics	Tamper detection / Video motion detection Intelligent Video Analytics Pro Buildings Intelligent Video Analytics Pro Perimeter (including standard Intelligent Tracking) Intelligent Video Analytics Pro Traffic Intelligent Video Analytics Pro Intelligent Tracking	■/■ ■ ■ Optional (with license) Optional (with license)	■/■ ■ ■ Optional (with license) Optional (with license)
Sensitivity	Minimum illumination day mode (color) ▶ 0.00067 lux Minimum illumination night mode (black / white) ▶ 0.0010 lux Night vision ▶ ■ (starlight) Max. range IR at night ▶ –	0.00067 lux 0.0010 lux ■ (starlight / IR) 300 m (984 ft)	0.292 lux 0 lux (IR on) ■ IR 200 m (656 ft)
Lens	Focal length ▶ 4.25 - 170 mm Horizontal Angle of View (HAoV) ▶ 1.9° to 66.35° PTZ Zoom optical/digital ▶ 40x/32x Tilt angle ▶ -90° to +20°	4.25 - 170 mm 1.9° to 66.35° 40x/32x -90° to +20°	9.3 - 111.6 mm 6.1° to 64.6° 12x/12x -90° to +20°
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard) ▶ wide 59-194/23-75/12-39/6-20 tele 2316-7598/926-3038/ 463-1519/232-761	wide 59-194/23-75/12-39/6-20 tele 2316-7598/926-3038/ 463-1519/232-761	wide 121-397/49-161/24-79/12-39 tele 1441-4728//577-1893/288-945/144-472
Storage	Industrial SD card support with health monitoring Cloud application storage	■ Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	■ Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output Audio in / out Hybrid / public view monitor	2/1 ■/■ –/–	2/1 ■/■ –/–
Housing	Weather rating Vandal resistant Operating temperature ▶	IP66 IK10 –40° to +60° C (-40° to +140° F)	IP66 IK10 –40° to +50° C (-40° to +122° F)
Power input voltage	Power over Ethernet / 12Vdc / 36Vdc / 24Vac	■/–/■/■	■/–/■/■

IP Video Moving Cameras

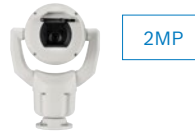


■ Available – Not available
▶ = indication of main differentiator(s)

	▶MIC IP starlight 7100i	▶MIC IP ultra 7100i	▶MIC IP fusion 9000i
	 2MP	 2MP enhanced version	 8MP enhanced version
Commercial Type Number	MIC-7522-Z30x	MIC-7522-Z30xR	MIC-7504-Z12xR
Video Analytics	Intelligent Video Analytics (including standard Intelligent Tracking) ▶	■	■
Bitrate management	Intelligent Dynamic Noise Reduction Intelligent streaming Compression (H.265 / H.264 & MJPEG) / multi-streaming	■ ■ ■/■/4 streams	■ ■ ■/■/4 streams
Basic features	Maximum resolution ▶ HD 1080p Image sensor type ▶ 1/2" Max. frames per second (fps) ▶ 60 fps@ 1080p Indoor / outdoor –/■ Day / night ▶ ■ Wide Dynamic Range (WDR) ▶ 120dB ONVIF conformant ■	HD 1080p 1/2" 60 fps@ 1080p –/■ ■ 120dB ■	4K UHD 1" 30 fps@ UHD –/■ ■ 62dB ■
Advanced features	Intelligent Auto Exposure / Intelligent Defog Privacy masking Nbr of presets/guard tours Wiper / Built in window defroster Intelligent Tracking	–/■ ■ 256/2 ■/– ■	–/■ ■ 265/2 ■/■ ■
Alarm triggering	Tamper detection / Video motion detection PTZ Intelligent Tracking	■/■ ■	■/■ ■
Sensitivity	Minimum illumination day mode (color) ▶ 0.0047 lux Minimum illumination night mode (black / white) ▶ 0.0013 lux Night vision ▶ ■ (optional illuminator) Max. range at night ▶ 550 m (1804 ft)	0.0047 lux 0.0013 lux ■ (optional illuminator) 550 m (1804 ft)	0.292 lux 0.0110 lux ■ (optional illuminator) 300 m (984 ft)
Lens	Focal length ▶ 6.6 - 198 mm Horizontal Angle of View (HAoV) ▶ 2.1° to 58.3° PTZ Zoom optical/digital ▶ 30x/12x Tilt angle ▶ -55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	6.6 - 198 mm 2.1° to 58.3° 30x/12x -55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	9.3 - 111.6 mm 6.1° to 64.6° 12x/12x -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
Storage	Memory card slot Cloud application storage	– Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	■ (up to 2TB) Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output Audio in / out Hybrid / public view monitor	5/3 (with MIC-ALM-WAS-24) ■ ■ (with external decoder)–	5/3 (with MIC-ALM-WAS-24) ■ ■ (with external decoder)–
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)
Power input voltage	Power over Ethernet / 12V / 24Vac	■ HiPoE/–/■	■ HiPoE/–/■

	MIC-7522-Z30xx	MIC-7522-Z30xR	MIC-7504-Z12xR	MIC-9502-Z30xxx
Video Analytics	■	■	■	■ (Thermal and Optical)
Bitrate management	■ ■ ■/■/4 streams	■ ■ ■/■/4 streams	■ ■ ■/■/4 streams	■ ■ ■/4 streams (optical + thermal)
Basic features	Maximum resolution ▶ HD 1080p Image sensor type ▶ 1/2" Max. frames per second (fps) ▶ 60 fps@ 1080p Indoor / outdoor –/■ Day / night ▶ ■ Wide Dynamic Range (WDR) ▶ 120dB ONVIF conformant ■	HD 1080p 1/2" 60 fps@ 1080p –/■ ■ 120dB ■	4K UHD 1" 30 fps@ UHD –/■ ■ 62dB ■	HD 1080p (optical) / 320/640 pixel (thermal) 1/2 8" CMPS (optical) / Un-cooled microbolometer (thermal) 60 fps@1080p (optical) <9/30 fps w/640 pixel (thermal) <9/60 fps w/320 pixel (thermal)
Advanced features	Intelligent Auto Exposure / Intelligent Defog Privacy masking Nbr of presets/guard tours Wiper / Built in window defroster Intelligent Tracking	–/■ ■ 256/2 ■/– ■	–/■ ■ 265/2 ■/■ ■	–/■ ■ (optical) 120dB ■ –/■
Alarm triggering	Tamper detection / Video motion detection PTZ Intelligent Tracking	■/■ ■	■/■ ■	■/■ ■
Sensitivity	Minimum illumination day mode (color) ▶ 0.0047 lux Minimum illumination night mode (black / white) ▶ 0.0013 lux Night vision ▶ ■ (optional illuminator) Max. range at night ▶ 550 m (1804 ft)	0.0047 lux 0.0013 lux ■ (optional illuminator) 550 m (1804 ft)	0.292 lux 0.0110 lux ■ (optional illuminator) 300 m (984 ft)	0.0077 lux (optical) N.A. (thermal) 0.0008 lux (optical) 0 lux (thermal) ■ (thermal) 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 Horizontal Angle of View (HAoV) ▶ 2.1° to 58.3° PTZ Zoom optical/digital ▶ 30x/12x Tilt angle ▶ -55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	6.6 - 198 mm 2.1° to 58.3° 30x/12x -55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	9.3 - 111.6 mm 6.1° to 64.6° 12x/12x -55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	4.3 - 129 mm (optical), 9 mm w/640 pixel (thermal) 19 mm w/320 pixel (thermal) 50 mm w/640 pixel (thermal) 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 30x/12x
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 Cloud application storage	– Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	■ (up to 2TB) Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	■ internal EMMC memory 16GB Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output Audio in / out Hybrid / public view monitor	5/3 (with MIC-ALM-WAS-24) ■ ■ (with external decoder)–	5/3 (with MIC-ALM-WAS-24) ■ ■ (with external decoder)–	5/3 (with MIC-ALM-WAS-24) ■/■ –
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)
Power input voltage	Power over Ethernet / 12V / 24Vac	■ HiPoE/–/■	■ HiPoE/–/■	■ (HiPoE)/–/■

IP Video Moving Cameras





■ Available – Not available
▶ = indication of main differentiator(s)

	▶MIC intexox 7100i	▶MIC intexox 7100i	▶MIC intexox 7100i
	 2MP	 2MP enhanced version	 8MP enhanced version
Commercial Type Number	MIC-7602-Z30x	MIC-7602-Z30xR	MIC-7604-Z12xR
Bitrate management	Intelligent Dynamic Noise Reduction Intelligent streaming Compression (H.265 / H.264 & MJPEG) / multi-streaming	■ ■ ■/■/4 streams	■ ■ ■/■/4 streams
Basic features	Maximum resolution Image sensor type Max. frames per second (fps) Indoor / outdoor Day / night Wide Dynamic Range (WDR) ONVIF conformant	▶ HD 1080p ▶ 1/2" ▶ 30 fps@ 1080p -/■ ■ ▶ 120dB ■	▶ 4K UHD ▶ 1" ▶ 30 fps@ 1080p -/■ ■ ▶ 62dB ■
Advanced features	Intelligent Auto Exposure / Intelligent Defog Privacy masking Nbr of presets/guard tours Wiper / Built in window defroster Intelligent Tracking 3rd party apps possible AI based Object classification detectors	■ ■ 256/2 ■/■ - ■ -	■ ■ 256/2 ■/■ - ■ -
Analytics	Tamper detection / Video motion detection Intelligent Video Analytics Pro Buildings Intelligent Video Analytics Pro Perimeter (Including standard Intelligent tracking) Intelligent Video Analytics Pro Traffic Intelligent Video Analytics Pro Intelligent Tracking	■/■ ■ ■ Optional (with license) Optional (with license)	■/■ ■ ■ Optional (with license) Optional (with license)
Sensitivity	Minimum illumination day mode (color) Minimum illumination night mode (black / white) Night vision Max. range at night	▶ 0.0047 lux ▶ 0.0013 lux ■ (optional illuminator) ▶ 550 m (1804 ft)	▶ 0.0047 lux ▶ 0.0013 lux ■ (optional illuminator) ▶ 300 m (984 ft)
Lens	Focal length Horizontal Angle of View (HAoV) PTZ Zoom optical/digital Tilt angle	▶ 6.6 - 198 mm ▶ 2.1° to 58.3° ▶ 30x/12x -55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	▶ 9.3 - 111.6 mm ▶ 6.1° to 64.6° ▶ 12x/12x -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 108-355/43-142/22-71/11-36 tele 154-504/61-202/31-101/15-50
Storage	Memory card slot Cloud application storage	- Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	■ (up to 2TB) Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output Audio in / out Hybrid / public view monitor	- ■ ■ (with external decoder)/-	- ■ ■ (with external decoder)/-
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)
Power input voltage	Power over Ethernet / 12V / 24Vac	■ HiPoE/-/■	■ HiPoE/-/■

* Restricted product, contact your Bosch representative

IP Video Digital Recording

■ Available – Not available
▶ = indication of main differentiator(s)

	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-738x-xxx	DIP-73Gx-xxx	
Basic functions	Max. system size (channels) Embedded video management RAID Level Operating system drive Supported resolutions Video compression Transcoding ONVIF	▶ 32 ■ - ▶ On separate SSD CIF/2CIF/4CIF/720p/1080p/5MP/UHD H.264, H.265, MPEG-4, ONVIF, RTSP, JPEG ■ ■	64 ■ RAID-5, RAID-6 On separate SSD CIF/2CIF/4CIF/720p/1080p/5MP/UHD H.264, H.265, MPEG-4, ONVIF, RTSP, JPEG ■ ■	256 ■ RAID-5, RAID-6 On separate redundant SSD CIF/2CIF/4CIF/720p/1080p/5MP/UHD H.264, H.265, MPEG-4, ONVIF, RTSP, JPEG ■ ■	256 ■ RAID-5, RAID-6 On separate redundant SSD CIF/2CIF/4CIF/720p/1080p/5MP/UHD H.264, H.265, MPEG-4, ONVIF, RTSP, JPEG ■ ■
Mechanical	Form factor Network connections (LAN) USB ports Number of power supplies Power supplies hot swappable	▶ 2-bay Mini-Tower ▶ 2x Gigabit Ethernet ▶ 2x USB2.0, 4x USB3.2 Gen2 ▶ 1 ▶ -	1U 19-inch Rack Mount 2x Gigabit Ethernet, 1x 1 Gbps (Mgmt) 2x USB2.0, 4x USB3.2 Gen2 1 -	2U 19-inch Rack Mount 2x Gigabit Ethernet, 1x 100Mbit (Mgmt) 2x USB2.0, 3x USB3.1, 1x USB-C 2 ■	3U 19-inch Rack Mount 2x Gigabit Ethernet, 1x 100Mbit (Mgmt) 2x USB2.0, 3x USB3.1, 1x USB-C 2 ■
Video output	Connector type Monitor output	▶ 1 HDMI2.0, 1 HDMI1.4, 1 DP 1.2 3	2x DP 1.2, 1x DVI-D 3	2x DP, 1x DVI 3	2x DP, 1x DVI 3
Audio	In / out channels Compression type Synchronous audio	▶ 32 G.711, G.726, ACC ■	64 G.711, G.726, ACC ■	256 G.711, G.726, ACC ■	256 G.711, G.726, ACC ■
Recording	Video Recording Manager (VRM) Schedule recording modes	■ ■	■ ■	■ ■	■ ■
Storage options	Max. drives supported Available capacities per drive Base system capacity TB Max. Base system capacity TB Full system capacity TB Extenable / external support	▶ 2 4, 8 or 18TB 0, 8, 16 or 36TB ▶ 36TB ▶ 108TB iSCSI	4 4, 8 or 18TB 0, 16, 32 or 72TB 72TB 360TB iSCSI	8 4, 8 or 12TB 0, 32, 64 or 96TB 96TB 864TB iSCSI	16 4, 8 or 12TB 0, 64, 128 or 192TB 192TB 960TB iSCSI
Storage extensions	Max. number of units Maximum drives supported Available capacities per drive Hot swappable	▶ 2x DIVAR IP all-in-one 4000 configured as storage extension ▶ 2 ▶ 4, 8 or 18TB ▶ -	4x DIVAR IP all-in-one 6000 configured as storage extension 4 4, 8 or 18TB ■	4x DIVAR IP all-in-one 7000 configured as storage extension 8 4, 8 or 12TB ■	4x DIVAR IP all-in-one 7000 configured as storage extension 16 4, 8 or 12TB ■
Export/back-up of data	Data format Built-in DVD writer Supported devices Back-up mode	▶ native, MOV, MP4 ▶ - ▶ External CD/DVD Writer, USB 2.0, USB 3.0, iSCSI Manual or Automatic	▶ native, MOV, MP4 ▶ - ▶ External CD/DVD Writer, USB 2.0, USB 3.0, iSCSI Manual or Automatic	▶ native, MOV, MP4 ▶ - ▶ USB 2.0, USB 3.0, iSCSI, internal CD/DVD Writer Manual or Automatic	▶ native, MOV, MP4 ▶ - ▶ USB 2.0, USB 3.0, iSCSI, internal CD/DVD Writer Manual or Automatic

IP Video Digital Recording

■ Available – Not available
▶ = indication of main differentiator(s)

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-738x-xxx	DIP-73Gx-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)	■ (v10.1 or newer)	■ (v10.1 or newer)
	3 rd Party software	–	–	–	–
3 rd party integration tools	ATM/POS integration	■	■	■	■
	SDK (IPP*)	■	■	■	■
	Operating System	▶ Windows Server IoT 2022 for Storage Workgroup	Windows Server IoT 2022 for Storage Workgroup	Windows Server IoT 2019 for Storage Standard	Windows Server IoT 2019 for Storage Standard

* Integration Partner Program (IPP) for more information visit <https://www.boschsecurity.com/xc/en/partners>

IP Video Digital Storage

■ Available – Not available

Network Video Recorder
▶DSA E-Series



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	
Video output	Power supplies hot swappable	■	
	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	■	
	Video Recording Manager (VRM)	–	
Recording	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: 48/96/144/192TB 60 bay: 240/480/720TB
	Full system capacity TB	12 bay: 384/ 768/ 1152/ 1536TB 60 bay: 720/1440/2160TB	
	Extensible / 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

IP Video Digital Storage

Network Video Recorder ► DSA E-Series



■ Available – Not available

Commercial Type Number	DSA-N6xxxx-xxxx	
Software options	PTZ control	–
	CCTV keyboard support	–
	Admin control	–
	Export options	–
	Mobile device (smart phone / tablet)	–
Remote access	Network	2x 10 Gigabit Ethernet
	Web browser access	–
	Simultaneous accessible users	–
	Forensic search support (metadata)	–
Advanced features support	Webclient	■
	Bosch Video Client	–
Supported software	Bosch Video Management System	–
	3 rd Party software	–
	Optional ATM/POS integration	–
3 rd party integration tools	SDK (IPP*)	–

* Integration Partner Program (IPP) for more information visit <https://www.boschsecurity.com/xc/en/partners>

IP Video Video Software

► Video Management System



■ Available – Not available

▶ = indication of main differentiator(s)

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 ¹	2	2	2	2	125	
	Maximum storage capacity ▶	n.a.	2 x 4 PB	3 x 36 TB	5 x 72 TB	5x 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 ▶	–	■ ²	■	■	■	■ ²	
	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 (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 (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 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 (10)	0 (50)
	Software Development Kit (SDK) ▶	–	■	■	■	■	■	

¹ limited

² additional hardware required

IP Video Viewing Software

▶Video Security App ▶Video Security Client



■ Available – Not available
▶ = indication of main differentiator(s)

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	-
Control	AUTODOME Intelligent Tracking	■
	PTZ	■
	IntuiKey	-
	Virtual matrix	-
Storage	@edge camera support	■
	iSCSI	■
	NVR support	-
	VRM	■
	Video analytics metadata	■
	Support redundant storage	-
Integration	DIVAR IP/BVMS Support	■
	BRS	-
	DxR 400 / 600 / 700	-
	Virtual inputs	-
	Remote portal	■

* <=64 recommended for WAN connections

IP Video Decoders

▶VIDEJET decoder 7000



■ Available – Not available
▶ = indication of main differentiator(s)

Commercial Type Number	VJD-7523
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, MPEG-2
Max. frames per second (fps)	▶ 5x 30@UHD* 10x 60@1080p* 20x 60@720p* 32x 30@432p*
Audio in / out	▶ via HDMI
Transcoding at the edge	-
Interfaces	▶ Alarm In
	▶ Relay Out
	ONVIF conformant
Other	▶ Keyboard
	IP Matrix

* at 25° C / 77° F with a single HD monitor connected

Bosch Security and Safety Systems

Protecting lives, buildings and assets is our aim. Our product portfolio includes video security, intrusion detection, fire detection and voice evacuation systems as well as access control and management systems. Professional audio and conference systems for communications of voice, sound and music complete the range.

Bosch Security Systems

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