

Invented for life



Video Systems Product Overview

April 2024

North
American
version



Table of Contents

Video Analytics	3
Data security	4
Dome Cameras	8
Fixed Cameras	22
Specialty Cameras	28
Moving Cameras	30
Digital Recording	34
Digital Storage	36
Video Software	38
Viewing Software	39
Decoders	40
Flat Panel Monitors	41
Notes	42

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

AI-enabled camera portfolio secure by design

10 commitments to meet highest data security standards

1 Secure Element

- Bosch sets the standard with the most future-proof Secure Element with Trusted Platform Module (TPM) functionality
- Supporting 4096-bit keys.



2 Embedded login firewall

- It's about blocking threats, not functionality.
- An intelligent login firewall you can count on.



3 Password enforcement

- Security first: set a password, then connect.



4 Minimum TLS 1.2

- A minimum version of TLS provides maximum security.
- Transport Layer Security: a cryptographic protocol that provides secure communication.



5 Simple Certificate Enrollment Protocol (SCEP)

- Simplifying cybersecurity at scale.
- An easy way to deploy and manage certificates on cameras.



6 Software sealing

- Changes to a sealed camera configuration will trigger an alarm.
- Protects against unintentional or unauthorized changes.



7 Encrypted firmware

- Verifies firmware authenticity and prevents malware insertion.



8 Cloud firmware check

- Stay up-to-date at all times.
- Checks Bosch Download Area for new firmware.



9 Session timeout

- Manage how long a configuration session can be left unattended.



10 Secure by default

- Security by default, closed until you say it is open.



PLUS

- Our security levels and policies are certified to the highest levels by third parties.



Data security certified

IEC 62443-4-1 Certified

Security for industrial automation and control systems

- Focuses on the processes and definitions around developing and creating secure products.
- It proves that Bosch can ensure a secure development process.



UL 2900-2-3 Certified

Standard for Safety and Software Cybersecurity for Network-Connectable Products

- Includes penetration testing and provides proof that IEC 62443-4-1 has been implemented in a practical sense.
- Our certification is device specific up to level 3.



Underwriters
Laboratories

Fixed cameras

Indoor

Essential Video Analytics

Intelligent Video Analytics

Intelligent Video Analytics Pro

FLEXIDOME IP 3000i IR



NDI-351x-AL
Up to 5MP

FLEXIDOME IP 4000i



NDI-4512-A
60 fps@1080p

FLEXIDOME IP 4000i IR



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

DINION IP starlight 7000 HD



NBN-73013-BA
60 fps@720p, starlight

DINION IP starlight 7000 HD



NBN-73023-BA
60 fps@1080p, starlight

DINION IP starlight 8000 MP



NBN-80052-BA
30 fps@5MP, starlight

DINION IP ultra 8000 MP



NBN-80122-CA
30 fps@UHD

FLEXIDOME micro 3100i



NUV-3702-Fxx
30 fps@1080p

FLEXIDOME micro 3100i



NUV-3703-Fxx
30 fps@5MP

FLEXIDOME indoor 5100i



NDV-5702-A
60 fps@1080p

FLEXIDOME IP 5000i



NDI-5503-A
30 fps@5MP

FLEXIDOME IP 5000i IR



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

DINION IP starlight 6000 HD



NBN-63013-B
60 fps@720p, starlight

FLEXIDOME panoramic 5100i



NDS-5703-F360
30 fps@6MP

FLEXIDOME panoramic 5100i



NDS-5704-F360
30 fps@12MP

FLEXIDOME IP indoor 8000i



NDV-8502-R
1080p, HDR

FLEXIDOME IP indoor 8000i



NDV-8503-R
6MP, HDR

FLEXIDOME indoor 5100i IR



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

FLEXIDOME indoor 5100i



NDV-5703-A
30 fps@5MP

FLEXIDOME indoor 5100i IR



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

DINION IP starlight 6000 HD



NBN-63023-B
60 fps@1080p, starlight

FLEXIDOME IP indoor 8000i



NDV-8504-R
4K UHD, HDR

FLEXIDOME IP indoor 8000i



NDV-8502-RX
1080p, starlight X, HDR X

FLEXIDOME IP indoor 8000i



NDV-8503-RX
4.1MP, starlight X, HDR X

FLEXIDOME indoor 5100i



NDV-5704-A
30 fps@UHD 4K

FLEXIDOME indoor 5100i IR



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

Fixed cameras

Outdoor

Essential Video Analytics

Intelligent Video Analytics

Intelligent Video Analytics Pro

FLEXIDOME IP 3000i IR



NDE-351x-AL
Up to 5MP

FLEXIDOME IP 4000i



NDE-4512-A
60 fps@1080p

DINION IP thermal 8000



NHT-8000-F
QVGA

DINION IP thermal 8000



NHT-8001-F
VGA

FLEXIDOME IP starlight 8000i



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

FLEXIDOME micro 3100i



NUE-3702-Fxx
30 fps@1080p

FLEXIDOME micro 3100i



NUE-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 outdoor 5100i IR



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

FLEXIDOME outdoor 5100i



NDE-5704-A
30 fps@UHD 4K

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

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 outdoor 5100i



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

FLEXIDOME corner 7100i IR



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

DINION 3100i IR



NBE-3702-AL
30 fps@1080p, IR

DINION 3100i IR



NBE-3703-AL
30 fps@5MP, IR

DINION 5100i IR



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

DINION 5100i IR



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

DINION 5100i IR



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

FLEXIDOME IP 5000i IR



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

FLEXIDOME IP starlight 8000i



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

FLEXIDOME panoramic 5100i IR



NDS-5703-F360LE
30 fps@6MP

FLEXIDOME panoramic 5100i IR



NDS-5704-F360LE
30 fps@12MP

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

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

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

FLEXIDOME multi 7000i IR



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

Moving cameras

Indoor

Outdoor

Extreme outdoor

Intelligent Video Analytics

Intelligent Video Analytics Pro

Intelligent Video Analytics

Intelligent Video Analytics Pro

Optical

Optical & Thermal

AUTODOME IP starlight 7000i



NDP-7512-Z30Cx
in-ceiling, 30 fps@1080p, starlight

AUTODOME intex 7000i



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

AUTODOME IP starlight 7000i



NDP-7512-Z30(C)
30 fps@1080p, starlight

AUTODOME intex 7000i



NDP-7602-Z30(C)x
30 fps@1080p, starlight

AUTODOME 7100i



NDP-7602-Z40
60 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

MIC IP starlight 7100i



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

MIC IP starlight 7100i



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

MIC IP fusion 9000i



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

MIC IP ultra 7100i



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

MIC intex 7100i



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

MIC intex 7100i



MIC-7602-Z30xR
30 fps@1080p, 30x, Enhanced version, Intelligent Video Analytics Pro

IP Video Dome Cameras

► FLEXIDOME IP 3000i IR



Indoor

2MP



Outdoor

2MP



Indoor

5MP



Outdoor

5MP

■ 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	■/■/4 streams
Basic features	Maximum resolution ▶	HD 1080p	HD 1080p	5MP	5MP
	Image sensor type ▶	1/2.8"	1/2.8"	1/2.9"	1/2.9"
	Max. frames per second (fps)	30fps@1080p	30fps@1080p	30fps@5MP	30fps@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) ▶	0.05 lux	0.05 lux	0.379 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	0 lux with IR on
	Night vision	■ (infrared)	■ (infrared)	■ (infrared)	■ (infrared)
	Max. range at night	30 m (98 ft)	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	3 -10 mm
	Horizontal Angle of View (HAoV) ▶	106° - 37°	106° - 37°	99° - 31°	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	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 ▶	0° to +50° C (+32° to +122° F)	-30° to +50° C (-22° to +122° F)	0° to +50° C (+32° to +122° F)	-30° to +50° C (-22° 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



2MP



5MP



2MP



5MP

■ 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	■/■/3 streams
Basic features	Maximum resolution ▶	5MP	5MP	2MP	5MP
	Image sensor type ▶	1/2.8" CMOS	1/2.7" CMOS	1/2.8" CMOS	1/2.7" CMOS
	Max. frames per second (fps)	30	30	30	30
	Indoor / outdoor ▶	■/-	■/-	-/■	-/■
	Day / night	■	■	■	■
	Wide Dynamic Range (WDR)	120dB	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)	0.1 lux	0.15 lux	0.1 lux	0.15 lux
	Minimum illumination night mode (black / white)	-	-	-	-
	Night vision	-	-	-	-
	Max. range at night	-	-	-	-
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	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: 58.5°	F02: 131.2° F04: 100.8° 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	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	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	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 voltage	Power over Ethernet / 12V / 24V	■/-/-	■/-/-	■/-/-	■/-/-

IP Video Dome Cameras

►FLEXIDOME IP 4000i

►FLEXIDOME IP 4000i IR



Indoor

2MP



Outdoor

2MP



Indoor

2MP



Outdoor

2MP

■ 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	■	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	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 (H AoV)	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

►FLEXIDOME IP 5000i

►FLEXIDOME IP 5000i IR



Indoor

5MP



Outdoor

5MP



Indoor

5MP



Outdoor

5MP

■ 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	■	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	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



Indoor
2MP



Indoor
5MP



Indoor
8MP

■ 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"	1/2.7"	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	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	■	■	■
Commissioning	USB-C port for wireless dongle	■	■	■

IP Video Dome Cameras

► FLEXIDOME indoor 5100i IR



Indoor

2MP



Indoor

5MP



Indoor

8MP

■ 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"	1/2.7"	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 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	■	■	■
Commissioning	USB-C port for wireless dongle	■	■	■

IP Video Dome Cameras

► FLEXIDOME outdoor 5100i



Outdoor
2MP



Outdoor
5MP



Outdoor
8MP

■ 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	■	■	■
Advanced features	Built-in microphone	-	-	-
	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■
	Privacy masking	■	■	■
	Region Of Interest tracking	-	-	-
	Upright video mode	■	■	■
Analytics	Electronic Image Stabilization (EIS)	■ (Gyro based)	■ (Gyro based)	■ (Gyro based)
	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



Outdoor
2MP



Outdoor
5MP



Outdoor
8MP

- 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



2MP



6MP



8MP

■ 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) (Distances according to EN-IEC 62676-4 standard) ▶	24-115/9-46/5-23/2-12 134-304/53-121/27-61/13-30	40-162/16-64/8-32/4-16 201-591/80-235/40-118/20-59	47-190/195-75/9-38/5-19 236-696/94-276/47-139/24-70
		Storage	Industrial SD card support with health monitoring	■ (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



HDR X

2MP



HDR X

4MP

■ 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) (Distances according to EN-IEC 62676-4 standard)	27-86/11-34/5-17/3-9 115-342/46-136/23-68/12-34	38-121/15-48/8-24/4-12 162-479/64-190/32/96/16-48
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



2MP



6MP



8MP

■ 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	Power over Ethernet / 12V / 24V	PoE/-/-	PoE/-/-	PoE/-/-
Accessories	Modular mount compatible	■	■	■

IP Video Dome Cameras

► FLEXIDOME IP indoor 8000i - X series



HDR X

2MP



HDR X

4.1MP

■ 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	Power over Ethernet / 12V / 24V	PoE/-/-	PoE/-/-	
Accessories	Modular mount compatible	■	■	

IP Video Dome Cameras

►FLEXIDOME panoramic 5100i

►FLEXIDOME panoramic 5100i IR



Indoor

6MP



Indoor

12MP



Outdoor

6MP



Outdoor

12MP

■ 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
	HDMI 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

►FLEXIDOME multi 7000i

►FLEXIDOME multi 7000i IR



4 x 3MP



4 x 5MP



4 x 3MP



4 x 5MP

■ 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 Pro (IVA Pro)	■	■	■	■
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	■	■	■	■
	HDMI out	-	-	-	-
Advanced features	Intelligent Auto Exposure / Intelligent Defog	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
	Night vision	-	-	■ (IR)	■ (IR)
	Max. range at night	-	-	30 m (98 ft)	30 m (98 ft)
Lens	Focal length	3.7-7.7 mm	3.7-7.7 mm	3.7-7.7 mm	3.7-7.7 mm
	Horizontal Angle of View (HAoV)	85.1 - 38.7	85.1 - 38.7	85.1 - 38.7	85.1 - 38.7
DORI distances	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 3100i IR



2MP



5MP

■ Available – Not available

▶ = indication of main differentiator(s)

Commercial Type Number		NBE-3702-AL	NBE-3703-AL
Bitrate management	Intelligent Dynamic Noise Reduction	–	–
	Intelligent streaming	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/3 streams	■/■/3 streams
Basic features	Maximum resolution	▶ HD 1080P	5MP
	Image sensor type	▶ 1/2.8" CMOS	1/2.7" CMOS
	Max. frames per second (fps)	30	30
	Indoor / outdoor	■/■	■/■
	Day / night	■	■
	Wide Dynamic Range (WDR)	120 dB	120 dB
	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	■/■	■/■
	Intelligent Video Analytics Pro (IVA Pro): Buildings	■	■
	Intelligent Video Analytics Pro (IVA Pro): Traffic, Perimeter	–	–
Sensitivity	Minimum illumination day mode (color)	▶ 0.06 lux	0.14 lux
	Minimum illumination night mode (black / white)	▶ 0.016 lux / 0 lux with IR	0.03 lux / 0 lux with IR
	Night vision	■ (IR)	■ (IR)
	Max. range at night (IR range)	30 m	30 m
Lens	Automatic varifocal	■ (DC-iris)	■ (DC-iris)
	Focal length	3.3 - 10.2 mm	3.3 - 10.2 mm
	Horizontal Angle of View (HAoV)	▶ 106° - 31°	101° - 30°
DORI distances	▶ Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard)	29-138/12-55/6-28/3-14	42-193/17-77/9-39/4-19
Storage	Industrial SD card support with health monitoring	■ 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
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 °F +122 °F)	-30° to +50° C (-22 °F +122 °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 5100i IR



2MP



5MP



8MP

■ 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



2MP



2MP



4MP



4MP

■ 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
	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) ► (Distances in according to EN-IEC 62676-4 standard)	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
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

► DINION 7100i IR

Wide
angle

8MP

Tele
lens

8MP



HDR X

8MP

■ Available – Not available

▶ = indication of main differentiator(s)

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	128db 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	■/■	■/■	■/■
	Audio detection	■	■	■
	Intelligent Video Analytics Pro: Buildings and Perimeter	■	■	■
	Intelligent Video Analytics Pro: Traffic	Optional (with license)	Optional (with license)	Optional (with license)
Sensitivity	Minimum illumination day mode (color)	0.054 lux	To be announced	0.0122 lux
	Minimum illumination night mode (black / white)	0.0098 lux (0 with IR)	To be announced	0.0015 lux (0 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
	Max. range at night ▶	60 m (197 ft) (default)	To be announced	80 m (262 ft) (default)
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)
	Focal length ▶	4.4 - 10 mm	12 - 38 mm	5.9 - 13 mm
	Horizontal Angle of View (HAoV)	108 - 44°	To be announced	110 - 48°
DORI distances	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	53-172/21-68/10-34/5-17
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

► DINION IP starlight 6000 HD

► DINION IP starlight 7000 HD

► DINION IP starlight 6000 HD

► DINION IP starlight 7000 HD



720p



720p



2MP



2MP

■ Available – Not available

► = indication of main differentiator(s)

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
	Horizontal Angle of View (HAoV)	depending on optional lens	depending on optional lens	depending on optional lens	depending on optional lens
DORI distances	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

►DINION IP starlight 8000 MP

►DINION IP ultra 8000 MP



5MP

starlight



12MP

■ Available – Not available

▶ = indication of main differentiator(s)

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	-/■/4 streams
Basic features	Maximum resolution ▶	5 MP (16:9)/5.5 MP (4:3)	12 MP (4:3)/UHD (16:9)
	Image sensor type ▶	1/1.8"	1/2.3"
	Max. frames per second (fps) ▶	30 fps@5 MP	20 fps@12MP, 30 fps@UHD
	Indoor / outdoor	■/■ (with housing)	■/■ (with housing)
	Day / night	■	■
	Wide Dynamic Range (WDR) ▶	97dB (5MP)/105dB (1080p) (with IAE + 16dB)	92dB (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	■	■
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)	0.11 lux
	Minimum illumination night mode (black / white) ▶	0.004 lux (5 MP) 0.0028 lux (1080p)	0.037 lux
	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	C/CS mount - 35 mm/50 mm/75 mm fixed iris P-iris lens 4-13 mm
	Horizontal Angle of View (HAoV)	depending on optional lens	depending on optional lens
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	depending on optional lens	depending on optional lens
Storage	Industrial SD card support with health monitoring	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Best Face Detection JPEG posting (IVA models only), Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Best Face Detection JPEG posting (IVA models only), Video Clips or JPEG Exporting
Connections	Alarm input / output	2/1	2/1
	Audio in / out	■/■	■/■
	Hybrid / public view monitor	■/■	■/■
Housing	Weather rating	-	-
	Vandal resistant	-	-
	Operating temperature	-20° to 50° C (-4° to 122° F)	-20° to 50° C (-4° to 122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/-	■/■/-

** Lens not included

IP Video Specialty Cameras

► FLEXIDOME corner 7100 IR



■ Available – Not available

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	■
	Intelligent Video Analytics Pro (IVA Pro): Traffic Pack	-
Sensitivity	Minimum illumination day mode (color)	0.3 lux
	Minimum illumination night mode (black / white) (IR on)	0
	Night vision	■ (Intelligent IR)
	Max. range at night	15 m (50 ft)
Lens	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

►DINION IP thermal 8000



QVGA



VGA

■ Available – Not available

► = indication of main differentiator(s)

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	-/■/4 streams
Basic features	Maximum resolution	► QVGA	VGA
	Image sensor type	Un-cooled vanadium oxide microbolometer	Un-cooled vanadium oxide microbolometer
	Max. frames per second (fps)	► 9 fps (-FxxQS) or 60 fps (-FxxQF)	9 fps (-FxxVS) or 30 fps (-FxxVF)
	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	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	0 lux
	Night vision	■ (thermal)	■ (thermal)
	Max. range at night	-	-
Lens	Automatic Back Focus (ABF)	-	-
	Automatic varifocal	-	-
	Focal length	► 7.5 mm (-F07Qx), 19 mm (-F19Qx)	9 mm (-F09Vx), 16.7 mm (-F17Vx), 35 mm (-F35Vx), 65 mm (-F65Vx)
	Horizontal Angle of View (HAoV)	► 7.5 mm: 41.8°, 19 mm: 16°	9 mm: 70°, 16.7 mm: 37.5°, 35 mm: 17.6°, 65 mm: 9.6°
DRI distances	► Detection / Recognition / Identification	7.5 mm: 140 m (459 ft) / 35 m (115 ft) / 18 m (59 ft)	9 mm: 155 m (509ft) / 40 m (131 ft) / 20 m (66 ft)
		19 mm: 380 m (1247 ft) / 95 m (312 ft) / 48 m (157 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)	Auto or Alarm JPEG Posting (FTP only)
Connections	Alarm input / output	2/1	2/1
	Audio in / out	■/■	■/■
	Hybrid / public view monitor	■	■
Housing	Weather rating	IP66	IP66
	Vandal resistant	-	-
	Operating temperature	-50° to 55° C (-58° to 131° F)	-50° to 55° C (-58° to 131° F)
Power input voltage	Power over Ethernet / 12V / 24V	-/-/■	-/-/■

IP Video

Moving Cameras

►AUTODOME IP starlight 7000i



►AUTODOME inteoX 7000i



■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDP-7512-Z30(C)	NDP-7602-Z30(C)x	
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	HD 1080p	
	Image sensor type	1/2.8"	1/2.8"	
	Max. frames per second (fps)	60 fps@720p 30 fps@1080p	60 fps@720p 30 fps@1080p	
	Indoor / outdoor	■/■	■/■	
	Day / night	■	■	
	Wide Dynamic Range (WDR)	120dB	120dB	
	ONVIF conformant	■	■	
	Built-in microphone	-	-	
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■
		Privacy masking	■	■
Nbr of presets/guard tours		256/2	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 ►	-	Optional (with license)	
	Intelligent Video Analytics Pro Intelligent Tracking ►	-	Optional (with license)	
Sensitivity	Minimum illumination day mode (color)	0.0077 lux	0.0077 lux	
	Minimum illumination night mode (black / white)	0.0008 lux	0.0008 lux	
	Night vision	■ (starlight)	■ (starlight)	
	Max. range at night	-	-	
Lens	Focal length	4.3 - 129 mm	4.3 - 129 mm	
	Horizontal Angle of View (HAoV)	2.3° to 64.7°	2.3° to 64.7°	
	PTZ Zoom optical/digital	30x/12x	30x/12x	
	Tilt angle	-90° to 14° (pendant)	-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	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	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	
Connections	Alarm input / output	7/4	7/4	
	Audio in / out	■/■	■/■	
	Hybrid / public view monitor	-/-	-/-	
Housing	Weather rating	IP66 (pendant)/IP54 (in-ceiling)	IP66 (pendant)/IP54 (in-ceiling)	
	Vandal resistant	IK10 (with rugged bubble)	IK10 (with rugged bubble)	
	Operating temperature	-40° to 55° C (-40° to 131° F)	-40° to 55° C (-40° to 131° F)	
Power input voltage	Power over Ethernet / 12V / 24Vac	■ (HiPoE)/-/■ (pendant) ■ (PoE+)/-/■ (in-ceiling)	■ (HiPoE)/-/■ (pendant) ■ (PoE+)/-/■ (in-ceiling)	

* Restricted product, contact your Bosch representative

IP Video Moving Cameras

▶AUTODOME 7100i

▶AUTODOME 7100i IR



■ Available – Not available

▶ = indication of main differentiator(s)

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	■/■/4 streams
Basic features	Maximum resolution ▶	HD 1080p	HD 1080p	4K UHD
	Image sensor type ▶	1/2.8"	1/2.8"	1"
	Max. frames per second (fps) ▶	60	60	30
	Indoor / outdoor	■/■	■/■	■/■
	Day / night	■	■	■
	Wide Dynamic Range (WDR) ▶	120dB	120dB	62dB
	ONVIF conformant	■	■	■
Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■	■/■
	Privacy masking	■	■	■
	Nbr of presets/guard tours	256/2	256/2	256/2
	Wiper	-	-	-
	Intelligent tracking	■	■	■
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	Optional (with license)	Optional (with license)	Optional (with license)
	Intelligent Video Analytics Pro Intelligent Tracking	Optional (with license)	Optional (with license)	Optional (with license)
Sensitivity	Minimum illumination day mode (color) ▶	0.00067 lux	0.00067 lux	0.292 lux
	Minimum illumination night mode (black / white) ▶	0.0010 lux	0.0010 lux	0 lux (IR on)
	Night vision ▶	■ (starlight)	■ (starlight / IR)	■ IR
	Max. range IR at night ▶	-	300 m (984 ft)	200 m (656 ft)
Lens	Focal length ▶	4.25 - 170 mm	4.25 - 170 mm	9.3 - 111.6 mm
	Horizontal Angle of View (HAoV) ▶	1.9° to 66.35°	1.9° to 66.35°	6.1° to 64.6°
	PTZ Zoom optical/digital ▶	40x/32x	40x/32x	12x/12x
	Tilt angle	-90° to +20°	-90° to +20°	-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	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	2/1	2/1	2/1
	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 voltage	Power over Ethernet / 12Vdc / 36Vdc / 24Vac	■/-/■/■	■/-/■/■	■/-/■/■

IP Video Moving Cameras

► MIC IP starlight 7100i

► MIC IP ultra 7100i

► MIC IP fusion 9000i



2MP



2MP

enhanced version



8MP

enhanced version



■ Available – Not available

▶ = indication of main differentiator(s)

Commercial Type Number		MIC-7522-Z30x	MIC-7522-Z30xR	MIC-7504-Z12xR	MIC-9502-Z30xxx
Video Analytics	Intelligent Video Analytics (including standard Intelligent Tracking) ▶	■	■	■	■ (Thermal and Optical)
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■	■
	Intelligent streaming Compression (H.265 / H.264 & MJPEG) / multi-streaming ▶	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/4 streams (optical + thermal)
Basic features	Maximum resolution ▶	HD 1080p	HD 1080p	4K UHD	HD 1080p (optical) / 320/640 pixel (thermal)
	Image sensor type ▶	1/2"	1/2"	1"	1/2 8" CMPS (optical) / Un-cooled microbolometer (thermal)
	Max. frames per second (fps) ▶	60 fps@ 1080p	60 fps@ 1080p	30 fps@ UHD	60 fps@1080p (optical) <9/30 fps w/640 pixel (thermal) <9/60 fps w/320 pixel (thermal)
Indoor / outdoor	Day / night ▶	-/■	-/■	-/■	-/■
	Wide Dynamic Range (WDR) ▶	120dB	120dB	62dB	120dB
	ONVIF conformant	■	■	■	■
	Advanced features	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■
Privacy masking	Privacy masking	■	■	■	■ (optical)
	Nbr of presets/guard tours	256/2	256/2	265/2	256/2
	Wiper / Built in window defroster ▶	■/-	■/■	■/■	■
	Intelligent Tracking	■	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■	■/■	■/■
	PTZ Intelligent Tracking	■	■	■	■
Sensitivity	Minimum illumination day mode (color) ▶	0.0047 lux	0.0047 lux	0.292 lux	0.0077 lux (optical) N.A. (thermal)
	Minimum illumination night mode (black / white) ▶	0.0013 lux	0.0013 lux	0.0110 lux	0.0008 lux (optical) 0 lux (thermal)
	Night vision ▶	■ (optional illuminator)	■ (optional illuminator)	■ (optional illuminator)	■ (thermal)
	Max. range at night ▶	550 m (1804 ft)	550 m (1804 ft)	300 m (984 ft)	300 m (971 ft) (optical) 1540 m (5050 ft) w/320 pixel (thermal) 3550 m (11,600 ft) w/640 pixel (thermal)
Lens	Focal length ▶	6.6 - 198 mm	6.6 - 198 mm	9.3 - 111.6 mm	4.3 - 129 mm (optical), 9 mm w/640 pixel (thermal) 19 mm w/320 pixel (thermal) 50 mm w/640 pixel (thermal)
	Horizontal Angle of View (HAoV) ▶	2.1° to 58.3°	2.1° to 58.3°	6.1° to 64.6°	2.3° to 63.7° (optical) 16° w/320 pixel, 12.4° w/50 mm 640 pixel thermal 70° w / 9 mm 640 pixel thermal
	PTZ Zoom optical/digital	30x/12x	30x/12x	12x/12x	30x/12x
	Tilt angle	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard) ▶	wide 69-226/27-89/14-46/7-23 tele 2895-6873/834-2726/419-1375/210-689	wide 69-226/27-89/14-46/7-23 tele 2895-6873/834-2726/419-1375/210-689	wide 108-355/43-142/22-71/11-36 tele 154-504/61-202/31-101/15-50	62-1913/25-765/12-383/6-191
Storage	Memory card slot ▶	-	■ (up to 2TB)	■ (up to 2TB)	■ internal EMMC memory 16GB
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	5/3 (with MIC-ALM-WAS-24)	5/3 (with MIC-ALM-WAS-24)	5/3 (with MIC-ALM-WAS-24)	5/3 (with MIC-ALM-WAS-24)
	Audio in / out ▶	■	■	■	■/■
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
Operating temperature	Operating temperature	-40° to +65° C (-40° to +149° F)	-40° to +65° C (-40° to +149° F)	-40° to +65° C (-40° to +149° F)	-40° to 65° C (-40° to 149° F)
	Power input voltage	Power over Ethernet / 12V / 24Vac	■ HiPoE/-/■	■ HiPoE/-/■	■ HiPoE/-/■

IP Video Moving Cameras

► MIC inteox 7100i



2MP



2MP

enhanced
version

8MP

enhanced
version

■ Available – Not available

▶ = indication of main differentiator(s)

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	■/■/4 streams
Basic features	Maximum resolution	▶ HD 1080p	HD 1080p	4K UHD
	Image sensor type	▶ 1/2"	1/2"	1"
	Max. frames per second (fps)	▶ 30 fps@ 1080p	30 fps@ 1080p	30 fps@ UHD
	Indoor / outdoor	-/■	-/■	-/■
	Day / night	■	■	■
	Wide Dynamic Range (WDR)	▶ 120dB	120dB	62dB
	ONVIF conformant	■	■	■
Advanced features	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■
	Privacy masking	■	■	■
	Nbr of presets/guard tours	256/2	256/2	256/2
	Wiper / Built in window defroster	▶ ■/-	■/■	■/■
	Intelligent Tracking	-	-	-
	3rd party apps possible	■	■	■
	AI based Object classification detectors	▶ -	-	-
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	▶ Optional (with license)	Optional (with license)	Optional (with license)
	Intelligent Video Analytics Pro Intelligent Tracking)	Optional (with license)	Optional (with license)	Optional (with license)
Sensitivity	Minimum illumination day mode (color)	▶ 0.0047 lux	0.0047 lux	0.292 lux
	Minimum illumination night mode (black / white)	▶ 0.0013 lux	0.0013 lux	0.0110 lux
	Night vision	■ (optional illuminator)	■ (optional illuminator)	■ (optional illuminator)
	Max. range at night	▶ 550 m (1804 ft)	550 m (1804 ft)	300 m (984 ft)
Lens	Focal length	▶ 6.6 - 198 mm	6.6 - 198 mm	9.3 - 111.6 mm
	Horizontal Angle of View (HAoV)	▶ 2.1° to 58.3°	2.1° to 58.3°	6.1° to 64.6°
	PTZ Zoom optical/digital	▶ 30x/12x	30x/12x	12x/12x
	Tilt angle	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)	-55° to +90° (upright), -95° to +55° (inverted), -80° to +65° (canted)
DORI distances	Detect / Observe / Recognize / Identify	▶ 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	▶ -	■ (up to 2TB)	■ (up to 2TB)
	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	■ (with external decoder)/-	■ (with external decoder)/-	■ (with external decoder)/-
Housing	Weather rating	IP68	IP68	IP68
	Vandal resistant	IK10	IK10	IK10
	Operating temperature	-40° to +65° C (-40° to +149° F)	-40° to +65° C (-40° to +149° F)	-40° to +65° C (-40° to +149° F)
Power input voltage	Power over Ethernet / 12V / 24Vac	■ HiPoE/-/■	■ HiPoE/-/■	■ HiPoE/-/■

* Restricted product, contact your Bosch representative

IP Video Digital Recording

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

▶ = indication of main differentiator(s)

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

IP Video Digital Recording

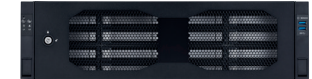
All-in-one solution

▶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

▶ = indication of main differentiator(s)

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 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 2022 for Storage Standard	Windows Server IoT 2022 for Storage Standard

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

IP Video Digital Storage

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: 48/96/144/192TB 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
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-N6xxx-xxx
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 rd Party software	–
3 rd party integration tools	Optional ATM/POS integration	–
	SDK (IPP*)	–

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

IP Video Video Software

■ Available – Not available

▶ = indication of main differentiator(s)

▶ Video Management System



Name		BVMS Viewer	BVMS Lite	DIVAR IP all-in-one 4000	DIVAR IP all-in-one 6000	DIVAR IP all-in-one 7000	BVMS Plus	BVMS Professional
System features	Included cameras (max cameras)	▶ 16 (500)	8 (42)	8 (32)	8 (64)	8 (256)	8 (256)	8 (2.000)
	Maximum number of workstations	▶ 1 (1)	2 (5)	2 (5)	2 (20)	2 (20)	5 (20)	5 (100)
	Maximum number of BVMS subsystems	▶ –	–	–	0 (20)	0 (20)	0 (20)	0 (100)
	Maximum number of Bosch VRM servers	▶ 32 ¹	2	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	2 x 4 PB	125 x 4 PB
	Forensic search	▶ ■	■	■	■	■	■	■
	DVR support	▶ 5 (32)	1 (10)	1 (10)	1 (10)	1 (10)	1 (10)	1 (50)
	Events and alarms	▶ –	■	■	■	■	■	■
	Streamlining	▶ –	■	■	■	■	■	■
	GPU decoding	▶ ■	■	■	■	■	■	■
	Remote access	▶ –	■	■	■	■	■	■
	Dynamic transcoding	▶ ■	■ ²	■	■	■	■ ²	■ ²
	Web client	▶ –	■	■	■	■	■	■
	Keyboard support	▶ 1 (1)	2 (5)	2 (5)	2 (10)	2 (10)	5 (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 (10)	1 (40)
	Access Management System	▶ ■	5	5	5	5	5	5
	I/O module support	▶ –	■	■	■	■	■	■
	Active directory	▶ ■	■	■	■	■	■	■
	ATM-POS support	▶ –	■	■	■	■	■	■
	Additional data	▶ –	■	■	■	■	■	■
	License plate recognition	▶ –	0 (5)	0 (5)	0 (10)	0 (10)	0 (10)	0 (50)
Software Development Kit (SDK)	▶ –	■	■	■	■	■	■	

¹ limited

² additional hardware required

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)	■ (with VSG)
Viewing	Multi-monitor support	-	-
	16:9 monitor support	n/a	■
	Viewing frequency	-	-
	Dynamic cameo scaling	■	■
Alarm Management	User management	-	-
	Digital I/O alarms	-	-
	System event alarms	-	-
	Motion alarms	■ (service license required)	■ (service license required)
	Event response and command scripts	-	-
	Video analytics alarms	■ (service license required)	■ (service license required)
	Video analytics forensic search	■ (Simple search)	■ (Simple search)
	Audio	-	-
	Compound events	-	-
	Scheduled dependent alarming	-	-
	Event allocation to user groups	-	-
Control	AUTODOME Intelligent Tracking	■	■
	PTZ	■	■
	IntuiKey	-	-
	Virtual matrix	-	-
Storage	@edge camera support	■	■
	iSCSI	■	■
	NVR support	-	-
	VRM	■	■
	Video analytics metadata	■	■
	Support redundant storage	-	-
	DIVAR IP/BVMS Support	■	■
Integration	BRS	-	-
	DxR 400 / 600 / 700	-	-
	Virtual inputs	-	-
	Remote portal	■	■

* <=64 recommended for WAN connections

IP Video Decoders

►VIDEOJET 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 ►	supported for IP Matrix
	IP Matrix	■

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

IP Video Flat Panel Monitors

► High Definition



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

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/m2)	► 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	► 21.2-inch	24.2-inch	24.9-inch	29-inch	38.5-inch	49.3-inch
	Height	► 15.2-inch	16.8-inch	14.6-inch	16.9-inch	22.3-inch	28.4-inch
	Depth	► 8.6-inch	8.6-inch	2.5-inch	2.8-inch	2.9-inch	2.9-inch
	Weight	► 7.7 lb	8.8 lb	14.9 lb	25.5 lb	41 lb	67.2 lb
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	-	-

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

To learn more about Video Systems please visit www.boschsecurity.com

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