

Invented for life



North
American
version

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Video product overview

March 2023



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Why Bosch Video Systems?



Why Bosch Video Systems leaflet

Expresses the benefits of doing business with Bosch



Video Systems sales presentation

Showcases our brand, product features, benefits, and value proposition



Fact sheet: X-factor technology explained

Describes how next-level starlight X and HDR X technologies take image quality and resolution further



Fact sheet: Your guide to AI-driven Video Analytics

A handy reference on how our Video Analytics deliver highly accurate data, are easy to use, future-proof, and integrate seamlessly

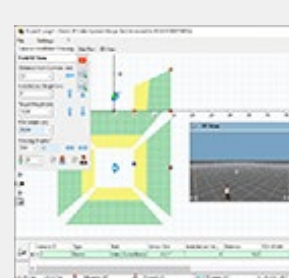


Sales tools



Video Product Selector

Find the right Bosch video products for your application. Compare products and accessories



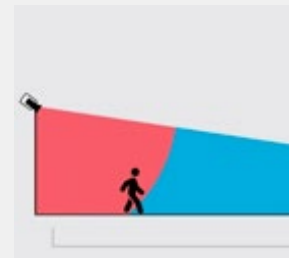
Bosch IP Video System Design Tool

Design and plan your Bosch Video System in full detail and find the best camera locations



Storage calculator

Determine storage capacity requirements



Video Analytics and Lens calculator

Easily calculate how far a camera can see and at what distance it can detect objects with built-in video analytics



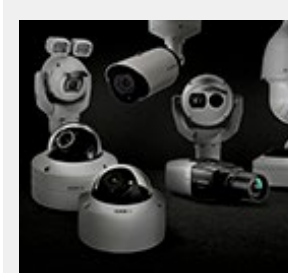
Video Accessory Quick selection guide

Easily find the right accessory for your installation and determine the correct combination of accessories for the camera of your choice



Building Information Modelling (BIM) files

Find all available BIM files in AutoDesk Revit



Video Product Overview

Use our video product overview to have a quick look on our broad video systems portfolio and compare products based on their key features



BVMS System Design Guide

Easily plan your BVMS system with Bosch cameras and storage



Bosch Video Systems websites



Video Systems overview

Our products, software, and services are built on trust, supporting predictive analytics and sustainable business practices



Data security

Learn about our secure by design principle



Product catalog

Find datasheet, installation manuals and more in the product catalog



Video Systems news

The latest updates on new products, solutions or customer stories



Sustainability

Video systems support sustainable business



Building Technologies Academy

Our training courses for integrators



The Power to Predict

Power to Predict: stay one step ahead by knowing what's next



Image quality

Starlight and HDR X technology explained



Where to buy

Use the dealer search to find your local partner



AI-driven Video Analytics

Everything about the brains of your security system



Customer stories

Take a look at customer success stories



Social media



LinkedIn



Twitter



YouTube



Facebook



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



Reliable alerts, even in extreme weather conditions



Video analytics extremely resistant against shaking



Machine learning functionality



Recognize user-defined situations

Intelligent Video Analytics

Ideal in outdoor applications

Camera trainer

Teach video cameras to recognize and detect objects or 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

*partly obstructed / crawling / rolling intruder

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

Fixed cameras

Indoor

Outdoor

Essential Video Analytics

Intelligent Video Analytics

Intelligent Video Analytics Pro

Essential Video Analytics

Intelligent Video Analytics

Intelligent Video Analytics Pro

FLEXIDOME
IP starlight 4000i



NDI-4512-A
60 fps@1080p

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

FLEXIDOME
indoor 5100i



NDV-5702-A
60 fps@1080p

FLEXIDOME
IP starlight 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
outdoor 5100i



NDE-5702-A
60 fps@1080p

FLEXIDOME
outdoor 5100i IR



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

DINION
7100i IR



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

FLEXIDOME
IP 5000i



NDI-5503-A
30 fps@5MP

DINION
IP ultra 8000 MP



NBN-80122-CA
30 fps@UHD

FLEXIDOME
panoramic 5100i



NDS-5703-F360
30 fps@6MP

FLEXIDOME
panoramic 5100i



NDS-5704-F360
30 fps@12MP

FLEXIDOME
indoor 5100i IR



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

FLEXIDOME
IP starlight 4000i IR



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

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-5703-A
30 fps@5MP

FLEXIDOME
outdoor 5100i IR



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

DINION
IP starlight 6000 HD



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

FLEXIDOME
IP indoor 8000i



NDV-8502-R
1080p, HDR

FLEXIDOME
IP indoor 8000i



NDV-8503-R
6MP, HDR

FLEXIDOME
IP indoor 8000i



NDV-8504-R
4K UHD, HDR

FLEXIDOME
indoor 5100i



NDV-5703-A
30 fps@5MP

FLEXIDOME
IP 5000i



NDE-5503-A
30 fps@5MP

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

FLEXIDOME
outdoor 5100i



NDE-5704-A
30 fps@UHD 4K

FLEXIDOME
outdoor 5100i



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

FLEXIDOME
IP 4000i IR



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

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 IR



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

FLEXIDOME
IP 5000i IR



NDE-5503-AL
30 fps@5MP, 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

DINION
7100i IR



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

DINION
7100i IR



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

FLEXIDOME
IP starlight 5000i



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

FLEXIDOME
indoor 5100i



NDV-5704-A
30 fps@UHD 4K

FLEXIDOME
multi 7000i IR



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

DINION
intex 7100i IR



NBE-7604-AL
8MP

FLEXIDOME
intex 7100i IR



NDE-7604-AL
8MP

DINION
7100i IR



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

DINION
7100i IR



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

DINION
IP starlight 6000 HD



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

FLEXIDOME
indoor 5100i IR



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

DINION
intex 7100i IR



NBE-7604-AL-OC
8MP, Traffic Detector

FLEXIDOME
intex 7100i IR



NDE-7604-AL-OC
8MP, Traffic Detector

DINION
7100i IR



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

DINION
7100i IR



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

Moving cameras

Indoor

Outdoor

Extreme outdoor

Intelligent Video Analytics

Intelligent Video Analytics

Intelligent Video Analytics Pro

Optical

Optical & Thermal

AUTODOME IP starlight 7000i



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

AUTODOME IP starlight 7000i



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

AUTODOME 7100i



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

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 ultra 7100i



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

MIC IP fusion 9000i



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

AUTODOME intex 7000i



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

AUTODOME intex 7000i



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

AUTODOME 7100i IR



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

MIC intex 7100i



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

MIC intex 7100i



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

MIC intex 7100i



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

AUTODOME intex 7000i



NDP-7602-Z30-OC
30 fps@1080p, starlight, Traffic Detector

AUTODOME 7100i IR



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

MIC intex 7100i



MIC-7604-Z12x-OC
30 fps@UHD, 12x, Traffic Detector

MIC intex 7100i



MIC-7602-Z30xx-OC
30 fps@1080p, 30x, starlight, Traffic Detector

IP Video

Dome Cameras

► FLEXIDOME IP starlight 4000i

► FLEXIDOME IP starlight 4000i

► FLEXIDOME IP starlight 4000i IR

► FLEXIDOME IP starlight 4000i IR



Indoor



Outdoor



Indoor



Outdoor

■ 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	■	■	■	■
	Intelligent Dynamic Noise Reduction	■	■	■	■
Bitrate management	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	■	■	■	■
	Minimum illumination day mode (color)	0.0225 lux	0.0225 lux	0.0225 lux	0.0225 lux
Sensitivity	Minimum illumination night mode (black / white)	0.0051 lux	0.0051 lux	0.0051 lux	0.0051 lux
	Night vision	► -	-	■ (IR)	■ (IR)
	Max. range at night	► -	-	45 m (148 ft)	45 m (148 ft)
Lens	Automatic varifocal	■	■	■	■
	Focal length	3 - 9 mm	3 - 9 mm	3 - 9 mm	3 - 9 mm
	Horizontal Angle of View (HAoV)	37° - 106°	37° - 106°	37° - 106°	37° - 106°
DORI distances	Detect / Observe / Recognize / Identify (Distances in according to EN-IEC 62676-4 standard)	32-126/13-50/6-25/3-13	32-126/13-50/6-25/3-13	32-126/13-50/6-25/3-13	32-126/13-50/6-25/3-13
Storage	Industrial SD card support with health monitoring	■	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	1/1	1/1	1/1	1/1
	Audio in / out	■/■	■/■	■/■	■/■
	Hybrid / public view monitor	■/■	■/■	■/■	■/■
Housing	Weather rating	► -	IP66	-	IP66
	Vandal resistant	► IK04	IK10	IK04	IK10
	Operating temperature	► -20° to 50° C (-4° to 122° F)	-40° to 50° C (-40° to 122° F)	-20° to 50° C (-4° to 122° F)	-40° to 50° C (-40° to 122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■	■/■/■	■/■/■

IP Video

Dome Cameras

►FLEXIDOME IP 5000i

►FLEXIDOME IP 5000i

►FLEXIDOME IP 5000i IR

►FLEXIDOME IP 5000i IR



Indoor



Outdoor



Indoor



Outdoor

■ 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	■	■	■	■
	Minimum illumination day mode (color)	0.24 lux	0.24 lux	0.24 lux	0.24 lux
Sensitivity	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 (H AoV)	31° - 99°	31° - 99°	31° - 99°	31° - 99°
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	59-266/24-106/12-53/6-27	59-266/24-106/12-53/6-27	59-266/24-106/12-53/6-27	59-266/24-106/12-53/6-27
Storage	Industrial SD card support with health monitoring	■	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	1/1	1/1	1/1	1/1
	Audio in / out	■/■	■/■	■/■	■/■
	Hybrid / public view monitor	■/■	■/■	■/■	■/■
Housing	Weather rating	–	IP66	–	IP66
	Vandal resistant	IK04	IK10	IK04	IK10
	Operating temperature	-20° to 50° C (-4° to 122° F)	-40° to 50° C (-40° to 122° F)	-20° to 50° C (-4° to 122° F)	-40° to 50° C (-40° to 122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■	■/■/■	■/■/■

IP Video

Dome Cameras

►FLEXIDOME indoor 5100i

►FLEXIDOME indoor 5100i

►FLEXIDOME indoor 5100i



Indoor



Indoor



Indoor

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDV-5702-A	NDV-5703-A	NDV-5704-A
Bitrate management	Intelligent streaming	Q1 2023	Q1 2023	Q1 2023
	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	0.06	To be announced
	Minimum illumination night mode (black / white)	0.004	0.012	To be announced
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)
	Max IR range	-	-	-
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)
	Focal length	3.2 - 10.5 mm	3.2 - 10.5 mm	3.2 - 10.5 mm
	Horizontal Angle of View (HAoV)	105° - 31°	96° - 29°	105° - 31°
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard)	31-138/12-55/6-28/3-14	48-200/19-79/10-40/5-20	62-275/25-109/12-55/6-28
Storage	Industrial SD card support	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	-	-	-
	Audio in / out	■/■	■/■	■/■
	Hybrid / public view monitor	-	-	-
Housing	Weather rating	IP54	IP54	IP54
	Vandal resistant	IK10	IK10	IK10
	Operating temperature	-20° to +50° C (-4° to +122° F)	-20° to +50° C (-4° to +122° F)	-20° to +50° C (-4° to +122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/-/-	■/-/-	■/-/-
Accessories	Modular mount compatible	■	■	■
Comissioning	USB-C port for wireless dongle	Q1 2023	Q1 2023	Q1 2023

IP Video

Dome Cameras

►FLEXIDOME indoor 5100i IR

►FLEXIDOME indoor 5100i IR

►FLEXIDOME indoor 5100i IR



Indoor



Indoor



Indoor

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDV-5702-AL	NDV-5703-AL	NDV-5704-AL
Bitrate management	Intelligent streaming	Q1 2023	Q1 2023	Q1 2023
	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	■	■	■
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	0.06	To be announced
	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	45m (Intelligent IR)	45m (Intelligent IR)	45m (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 (H AoV)	105° - 31°	96° - 29°	105° - 31°
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances according to EN-IEC 62676-4 standard)	31-138/12-55/6-28/3-14	48-200/19-79/10-40/5-20	62-275/25-109/12-55/6-28
Storage	Industrial SD card support	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	1/1	1/1	1/1
	Audio in / out	■/■	■/■	■/■
	Hybrid / public view monitor	■/■	■/■	-
Housing	Weather rating	IP54	IP54	IP54
	Vandal resistant	IK10	IK10	IK10
	Operating temperature	-20° to +50° C (-4° to +122° F)	-20° to +50° C (-4° to +122° F)	-20° to +50° C (-4° to +122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/-/-	■/-/-	■/-/-
Accessories	Modular mount compatible	■	■	■
Comissioning	USB-C port for wireless dongle	Q1 2023	Q1 2023	Q1 2023

IP Video

Dome Cameras

► FLEXIDOME outdoor 5100i

► FLEXIDOME outdoor 5100i

► FLEXIDOME outdoor 5100i



Outdoor



Outdoor



Outdoor

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDE-5702-A	NDE-5703-A	NDE-5704-A
Bitrate management	Intelligent streaming	Q1 2023	Q1 2023	Q1 2023
	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	■	■	■
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	0.06	To be announced
	Minimum illumination night mode (black / white)	0.004	0.012	To be announced
	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	IP66	IP66
	Vandal resistant	IK10, NEMA Type 4X	IK10, NEMA Type 4X	IK10, NEMA Type 4X
	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	Q1 2023	Q1 2023	Q1 2023

IP Video

Dome Cameras

► FLEXIDOME outdoor 5100i IR

► FLEXIDOME outdoor 5100i IR

► FLEXIDOME outdoor 5100i IR



Outdoor



Outdoor



Outdoor

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDE-5702-AL	NDE-5703-AL	NDE-5704-AL
Bitrate management	Intelligent streaming	Q1 2023	Q1 2023	Q1 2023
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	HD 1080p	5MP	HD 1080p
	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	■	■	■
Advanced features	Built-in microphone	■	■	■
	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	0.06	To be announced
	Minimum illumination night mode (black / white)	0.004	0.012	0 lux with IR on
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)
	Max IR range	45m (Intelligent IR)	45m (Intelligent IR)	45m (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	IP66	IP66
	Vandal resistant	IK10, NEMA Type 4X	IK10, NEMA Type 4X	IK10, NEMA Type 4X
	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	Q1 2023	Q1 2023	Q1 2023

IP Video

Dome Cameras

►FLEXIDOME inteoX 7100i IR

►FLEXIDOME inteoX 7100i IR



Traffic
Detector



■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDE-7604-AL-OC	NDE-7604-AL
Video Analytics	Intelligent Video Analytics ►	■ + Traffic Detector	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■
	Intelligent streaming	■	■
Basic features	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/3 Streams + JPEG	■/■/3 Streams + JPEG
	Maximum resolution	8MP (4K)	8MP (4K)
	Image sensor type	1/1.8-inch CMOS	1/1.8-inch CMOS
	Max. frames per second (fps)	30 fps@8MP (4K)	30 fps@8MP (4K)
	Indoor / outdoor	■/■	■/■
	Day / night	■/■	■/■
	Wide Dynamic Range (WDR)	87dB	87dB
	ONVIF conformant	■	■
	Built-in microphone	–	–
Advanced features	Intelligent Auto Exposure / Intelligent Defog	–/–	–/–
	Privacy masking	1 rectangular mask (solid/mosaic), dynamic object masking	1 rectangular mask (solid/mosaic), dynamic object masking
	Region Of Interest tracking	–	–
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■
	Audio detection	■	■
	PTZ Intelligent Tracking	–	–
Sensitivity	Minimum illumination day mode (color)	0.182 lux	0.182 lux
	Minimum illumination night mode (black / white)	0.0396 lux	0.0396 lux
	Night vision	■ (IR)	■ (IR)
	Max. range at night	40 m (131 ft)	40 m (131 ft)
Lens	Focal length	3.6 to 10 mm	3.6 to 10 mm
	Horizontal Angle of View (H AoV)	Wide: 97° x 53° (H x V) Tele: 46° x 30° (H x V)	Wide: 97° x 53° (H x V) Tele: 46° x 30° (H x V)
DORI distances	Detect / Observe / Recognize / Identify (ft) (Distances in according to EN-IEC 62676-4 standard)	68-181/27-72/14-36/7-18 212-565/89-238/45-119/22-60	68-181/27-72/14-36/7-18 212-565/89-238/45-119/22-60
Storage	Industrial SD card support with health monitoring	microSD card	microSD card
	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	1/2	1/2
	Audio in / out	■/■	■/■
	Hybrid / public view monitor	–/–	–/–
Housing	Weather rating	IP66 and NEMA type 4X	IP66 and NEMA type 4X
	Vandal resistant	IK10	IK10
	Operating temperature	-40° to +50° C (-40° to +122° F)	-40° to +50° C (-40° to +122° F)
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

IP Video

Dome Cameras

►FLEXIDOME IP starlight 8000i



1080p



6MP



4K UHD

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDE-8512-R(T)	NDE-8513-R(T)	NDE-8514-R(T)
Video Analytics	Intelligent Video Analytics + Camera Trainer	■	■	■
Remote commissioning	Motorized Pan / Tilt / Roll / Zoom (PTRZ) with wireless support	■	■	■
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■
	Intelligent streaming	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution	HD 1080p	6MP	4K UHD
	Image sensor type	1/2.8"	1/1.8"	1/1.8"
	Max. frames per second (fps)	60	30	30
	Indoor / outdoor	■/■	■/■	■/■
	Day / night	■	■	■
	Wide Dynamic Range (WDR)	146dB HDR	120dB HDR	120dB HDR
	ONVIF conformant	■	■	■
	Built-in microphone	–	–	–
Advanced features	Intelligent Auto Exposure / Intelligent Defog	■/■	■/■	■/■
	Privacy masking	■	■	■
	Region Of Interest tracking	■	■	■
	Upright video mode	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■/■	■/■	■/■
	Built-in video analytics	■	■	■
	Audio detection	■	■	■
Sensitivity	Minimum illumination day mode (color)	0.0104 lux (R) / 0.0179 lux (RT)	0.0509 lux (R) / 0.1222 lux (RT)	0.0540 lux (R) / 0.1251 lux (RT)
	Minimum illumination night mode (black / white)	0.0039 lux (R) / 0.0066 lux (RT)	0.0086 lux (R) / 0.0198 lux (RT)	0.0098 lux (R) / 0.0200 lux (RT)
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)
	Max. range at night (IR range)	–	–	–
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)
	Focal length	3 - 9 mm (R) / 10 - 23 mm (RT)	3.9 - 10 mm (R) / 12 - 40 mm (RT)	3.9 - 10 mm (R) / 12 - 40 mm (RT)
	Horizontal Angle of View (HaoV)	117° - 37° (R) / 32° - 14.4° (RT)	117° - 44° (R) / 36° - 12.6° (RT)	117° - 44° (R) / 36° - 12.6° (RT)
DORI distances	Detect / Observe / Recognize / Identify (ft) (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)	■ (2 slots)	■ (2 slots)
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	2/1 + 12V 50mA out	2/1 + 12V 50mA out	2/1 + 12V 50mA out
	Audio in / out	■/■	■/■	■/■
	Hybrid / public view monitor	–	–	–
Housing	Weather rating	IP66, IP6K9K and NEMA type 4X	IP66, IP6K9K and NEMA type 4X	IP66, IP6K9K and NEMA type 4X
	Vandal resistant	IK10+	IK10+	IK10+
	Operating temperature	-50° to +60° C (-58° to +140° F)	-50° to +60° C (-58° to +140° F)	-50° to +60° C (-58° to +140° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/■	■/■/■	■/■/■
Accessories	Modular mount compatible	■	■	■

IP Video

Dome Cameras

► FLEXIDOME IP starlight 8000i - X series



■ 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



1080p



6MP



4K UHD

■ Available – Not available

► = indication of main differentiator(s)

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

IP Video

Dome Cameras

►FLEXIDOME IP indoor 8000i - X series



■ 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



Indoor



Outdoor



Outdoor

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDS-5703-F360	NDS-5704-F360	NDS-5703-F360LE	NDS-5704-F360LE
Analytics	Intelligent Video Analytics + Camera Trainer	■	■	■	■
	Intelligent Audio Analytics Gunshot detection	Optional (with license)	Optional (with license)	Optional (with license)	Optional (with license)
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■	■
	Intelligent streaming	■	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/4 streams	■/4 streams	■/4 streams	■/4 streams
Basic features	Maximum resolution	► 6MP	12MP	6MP	12MP
	Image sensor type	► 1/1.8	1/2.3	1/1.8	1/2.3
	Max. frames per second (fps)	30	30	30	30
	Indoor / outdoor	► ■/-	■/-	■/■	■/■
	Day / night	■	■	■	■
	Wide Dynamic Range (WDR)	120dB HDR	120dB HDR	120dB HDR	120dB HDR
	ONVIF conformant	■	■	■	■
	Built-in microphone	Microphone array	Microphone array	Microphone array	Microphone array
	HMDI out	■	■	■	■
Advanced features	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■	-/■
	Edge dewarping	■	■	■	■
	Privacy masking	■	■	■	■
	Region Of Interest tracking	■	■	■	■
Alarm triggering	Tamper detection / Video motion detection	■	■	■	■
	Built-in video analytics	■	■	■	■
	Audio detection	■	■	■	■
	PTZ Intelligent Tracking	future support	future support	future support	future support
Sensitivity	Night vision	► -	-	■ (IR)	■ (IR)
	Max. range at night	► -	-	20 m (66 ft)	20 m (66 ft)
Lens	Focal length	► 1.155 mm	1.26 mm	1.155 mm	1.26 mm
	Field of View (FoV)	360°	360°	360°	360°
DORI distances	Detect / Observe / Recognize / Identify (Distances in according to EN-IEC 62676-4 standard)	► 28 m/11.5 m/5.5 m/2.1 m	45.5 m/18 m/8.5 m/3.8 m	28 m/11.5 m/5.5 m/2.1 m	45.5 m/18 m/8.5 m/3.8 m
Storage	Industrial SD card support	■	■	■	■
	Cloud application storage	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	► -	-	1/1	1/1
	Audio in / out	► -	-	■	■
	HDMI output / public view monitor	■/■	■/■	■/■	■/■
Housing	Weather rating	► -	-	IP66 NEMA Type 4X	IP66 NEMA Type 4X
	Vandal resistant	► IK08 (except lens)	IK08 (except lens)	IK10	IK10
	Operating temperature	► -10° to +45° C	-10° to +45° C	-40° to +55° C	-40° to +55° C
Power input voltage	Power over Ethernet / 12V / 24V	► PoE/-/-	PoE/-/-	PoE/■/■	PoE/■/■
Accessories	Modular mount compatible	■	■	■	■

IP Video

Dome Cameras

►FLEXIDOME multi 7000i

►FLEXIDOME multi 7000i IR



■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDM-7702-A	NDM-7703-A	NDM-7702-AL	NDM-7703-AL
Video Analytics	Intelligent Video Analytics + Camera Trainer	■	■	■	■
Remote commissioning	USB-C port for wireless dongle	■	■	■	■
Bitrate management	Dynamic Noise Reduction	■	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/4x4 streams	■/4x4 streams	■/4x4 streams	■/4x4 streams
Basic features	Maximum resolution	4x 3MP	4x 5MP	4x 3MP	4x 5MP
	Image sensor type	1/2.7	1/2.7	1/2.7	1/2.7
	Max. frames per second (fps)	30	30	30	30
	Indoor / outdoor	■/■	■/■	■/■	■/■
	Day / night	■	■	■	■
	Wide Dynamic Range (WDR)	120dB HDR	120dB HDR	120dB HDR	120dB HDR
	ONVIF conformant	■	■	■	■
	Built-in microphone	■	■	■	■
	HMDI out	–	–	–	–
Advanced features	Intelligent Auto Exposure / Intelligent Defog	Defog	Defog	Defog	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 inteox 7100i IR



Traffic
Detector

■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NBE-7604-AL	NBE-7604-AL-OC
Video Analytics	Intelligent Video Analytics ►	■	■ + Traffic Detector
Bitrate management	Intelligent Dynamic Noise Reduction	■	■
	Intelligent streaming	■	■
Basic features	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/3 Streams + JPEG	■/■/3 Streams + JPEG
	Maximum resolution	8MP (4K)	8MP (4K)
	Image sensor type	1/1.8-inch CMOS	1/1.8-inch CMOS
	Max. frames per second (fps)	30 fps@8MP (4K)	30 fps@8MP (4K)
	Indoor / outdoor	■/■	■/■
	Day / night	■/■	■/■
	Wide Dynamic Range (WDR)	87dB	87dB
	ONVIF conformant	■	■
	Built-in microphone	–	–
Advanced features	Intelligent Auto Exposure / Intelligent Defog	–/–	–/–
	Privacy masking	1 rectangular mask (solid/mosaic), dynamic object masking	1 rectangular mask (solid/mosaic), dynamic object 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)	0.182 lux	0.182 lux
	Minimum illumination night mode (black / white)	0.0396 lux	0.0396 lux
	Night vision	■ (IR)	■ (IR)
	Max. range at night	40 m (131 ft)	40 m (131 ft)
Lens	Automatic Back Focus (ABF)	–	–
	Automatic varifocal	–	–
	Focal length	3.6 to 10 mm	3.6 to 10 mm
	Horizontal Angle of View (HAoV)	Wide: 97° x 53° (H x V) Tele: 46° x 30° (H x V)	Wide: 97° x 53° (H x V) Tele: 46° x 30° (H x V)
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	212-565/89-238/45-119/22-60	212-565/89-238/45-119/22-60
Storage	Industrial SD card support with health monitoring	microSD card	microSD card
	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	1/2	1/2
	Audio in / out	■/■	■/■
	Hybrid / public view monitor	–/–	–/–
Housing	Weather rating	IP66 and NEMA type 4X	IP66 and NEMA type 4X
	Vandal resistant	IK10	IK10
	Operating temperature	-40° to +50° C (-40° to +122° F)	-40° to +50° C (-40° to +122° F)
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

IP Video

Fixed Cameras

►DINION 7100i IR



►DINION 7100i IR



►DINION 7100i IR



►DINION 7100i IR



■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NBE-7702-ALX	NBE-7702-ALXT	NBE-7703-ALX	NBE-7703-ALXT
Bitrate management	Intelligent Dynamic Noise Reduction	–	–	–	–
	Intelligent streaming	■	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams
Basic features	Maximum resolution ►	HD 1080p	HD 1080p	4MP	4MP
	Image sensor type	1/1.8"	1/1.8"	1/1.8"	1/1.8"
	Max. frames per second (fps)	60	60	60	60
	Indoor / outdoor	Indoor/outdoor	Indoor/outdoor	Indoor/outdoor	Indoor/outdoor
	Day / night	■/■	■/■	■/■	■/■
	Wide Dynamic Range (WDR) ►	144dB HDR X	To be announced	144dB HDR X	To be announced
	ONVIF conformant	■	■	■	■
Advanced features	Built-in microphone	–	–	–	–
	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	To be announced	0.0078 lux	To be announced
	Minimum illumination night mode (black / white) ►	0.0010 lux / 0 lux with IR	To be announced	0.0011 lux / 0 lux with IR	To be announced
	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 ►	80m (default)	120m (default)	80m (default)	120m (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 (H AoV) ►	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



►DINION 7100i IR



►DINION 7100i IR



■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NBE-7704-ALX	NBE-7704-ALT	NBE-7704-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	8MP	8MP	8MP
	Image sensor type ►	1/1.2"	1/1.8"	1/1.8"
	Max. frames per second (fps)	30	30	30
	Indoor / outdoor	Indoor/outdoor	Indoor/outdoor	Indoor/outdoor
	Day / night	■/■	■/■	■/■
	Wide Dynamic Range (WDR)	To be announced	To be announced	120dB HDR
	ONVIF conformant	■	■	■
Advanced features	Built-in microphone	–	–	–
	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)	To be announced	To be announced	To be announced
	Minimum illumination night mode (black / white)	To be announced	To be announced	To be announced
	Night vision	■ 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 ►	80m (default)	120m (default)	80m (default)
Lens	Automatic varifocal	■ (P-iris)	■ (P-iris)	■ (P-iris)
	Focal length ►	5.9 - 13 mm	12 - 38 mm	4.4 - 10 mm
	Horizontal Angle of View (HAoV)	To be announced	To be announced	108 - 44°
DORI distances	Detect / Observe / Recognize / Identify (m) (Distances in according to EN-IEC 62676-4 standard)	To be announced	To be announced	55-190/22-75/11-38/5-19
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	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



1080p



1080p

■ 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
	Image sensor type		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
	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)
	Max. range at night	–	–	–	–
Lens	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



starlight



4K UHD

■ 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 IP corner 9000 MP



■ Available – Not available

Commercial Type Number		NCN-90022-F1
Video Analytics	N.A.	–
Bitrate management	Intelligent Dynamic Noise Reduction	■
	Intelligent streaming	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	–/■/4 streams
Basic features	Maximum resolution	1080p
	Image sensor type	1/2.7"
	Max. frames per second (fps)	30 fps@1080p
	Indoor / outdoor	■/–
	Day / night	■
	Wide Dynamic Range (WDR)	76dB
	ONVIF conformant	■
	Built-in microphone	–
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)	0.3 lux
	Minimum illumination night mode (black / white)	0 lux (IR on)
	Night vision	■ (infrared)
	Max. range at night	9 m (30 ft)
Lens	Automatic Back Focus (ABF)	–
	Automatic varifocal	–
	Focal length	2 mm
	Horizontal Angle of View (HAoV)	121°
DORI distances	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	20/8/4/2
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	IP65
	Vandal resistant	IK10
	Operating temperature	–10° to 50° C (14° to 122° F)
Power input voltage	Power over Ethernet / 12V / 24V	■/■/■

IP Video Specialty Cameras

►DINION IP thermal 8000

►DINION IP thermal 8000



■ 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 (H AoV) ►	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



►AUTODOME inteoX 7000i



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

Commercial Type Number		NDP-7512-Z30	NDP-7602-Z30x	NDP-7602-Z30-OC*
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	HD 1080p
	Image sensor type	1/2.8"	1/2.8"	1/2.8"
	Max. frames per second (fps)	60 fps@720p 30 fps@1080p	60 fps@720p 30 fps@1080p	60 fps@720p 30 fps@1080p
	Indoor / outdoor	■/■	■/■	■/■
	Day / night	■	■	■
	Wide Dynamic Range (WDR)	120dB	120dB	120dB
	ONVIF conformant	■	■	■
	Built-in microphone	–	–	–
Advanced features	Intelligent Auto Exposure / Intelligent Defog	–/■	–/■	–/■
	Privacy masking	■	■	■
	Nbr of presets/guard tours	256/2	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)	Optional (with license)
Sensitivity	Minimum illumination day mode (color)	0.0077 lux	0.0077 lux	0.0077 lux
	Minimum illumination night mode (black / white)	0.0008 lux	0.0008 lux	0.0008 lux
	Night vision	■ (starlight)	■ (starlight)	■ (starlight)
	Max. range at night	–	–	–
Lens	Focal length	4.3 - 129 mm	4.3 - 129 mm	4.3 - 129 mm
	Horizontal Angle of View (HAoV)	2.3° to 64.7°	2.3° to 64.7°	2.3° to 64.7°
	PTZ Zoom optical/digital	30x/12x	30x/12x	30x/12x
	Tilt angle	-90° to 14° (pendant)	-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	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	Auto or Alarm JPEG Posting, Video Clips or JPEG Exporting
Connections	Alarm input / output	7/4	7/4	7/4
	Audio in / out	■/■	■/■	■/■
	Hybrid / public view monitor	–/–	–/–	–/–
Housing	Weather rating	IP66 (pendant)/IP54 (in-ceiling)	IP66 (pendant)/IP54 (in-ceiling)	IP66 (pendant)/IP54 (in-ceiling)
	Vandal resistant	IK10 (with rugged bubble)	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)	-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)	■ (HiPoE)/–/■ (pendant) ■ (PoE+)/–/■ (in-ceiling)

* Restricted product, contact your Bosch representative

IP Video

Moving Cameras

►AUTODOME 7100i



►AUTODOME 7100i IR



►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)	0.0075 lux	0.0075 lux	0.292 lux
	Minimum illumination night mode (black / white)	0.0011 lux	0.0011 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 +55° C (-40° to +122° F)	-40° to +55° C (-40° to +122° F)
Power input voltage	Power over Ethernet / 12Vdc / 36Vdc / 24Vac	■/-/■/■	■/-/■/■	■/-/■/■

IP Video

Moving Cameras

■ Available – Not available

► = indication of main differentiator(s)

►MIC IP starlight 7100i



►MIC IP ultra 7100i



enhanced version

►MIC IP fusion 9000i



4K UHD

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	-/■	-/■	-/■	-/■
Advanced features	Day / night ►	■	■	■	■ (optical)
	Wide Dynamic Range (WDR) ►	120dB	120dB	62dB	120dB
	ONVIF conformant	■	■	■	■
	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■	-/■
	Privacy masking	■	■	■	■
	Nbr of presets/guard tours	256/2	256/2	256/2	256/2
Alarm triggering	Wiper / Built in window defroster ►	■/-	■/■	■/■	■
	Intelligent Tracking	■	■	■	■
	Tamper detection / Video motion detection	■/■	■/■	■/■	■/■
Sensitivity	PTZ Intelligent Tracking	■	■	■	■
	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)
Lens	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)
	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
DORI distances	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)
	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
Power input voltage	Operating temperature	-40° to +65° C (-40° to +149° F)	-40° to +65° C (-40° to +149° F)	-40° to +65° C (-40° to +149° F)	-40° to 65° C (-40° to 149° F)
	Power over Ethernet / 12V / 24Vac	■ HiPoE/-/■	■ HiPoE/-/■	■ HiPoE/-/■	■ (HiPoE)/-/■

IP Video

Moving Cameras

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

▶MIC intexox 7100i	▶MIC intexox 7100i	▶MIC intexox 7100i	▶MIC intexox 7100i	▶MIC intexox 7100i
 2MP	 2MP enhanced version	 2MP	 8MP	 8MP

Commercial Type Number		MIC-7602-Z30x	MIC-7602-Z30xR	MIC-7602-Z30xx-OC*	MIC-7604-Z12xR	MIC-7604-Z12xx-OC*
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■	■	■
	Intelligent streaming	■	■	■	■	■
	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams
	Maximum resolution	HD 1080p	HD 1080p	HD 1080p	4K UHD	4K UHD
Basic features	Image sensor type	1/2"	1/2"	1/2"	1"	1"
	Max. frames per second (fps)	30 fps@ 1080p	30 fps@ 1080p	30 fps@ 1080p	30 fps@ UHD	30 fps@ UHD
	Indoor / outdoor	-/■	-/■	-/■	-/■	-/■
	Day / night	■	■	■	■	■
	Wide Dynamic Range (WDR)	120dB	120dB	120dB	62dB	62dB
	ONVIF conformant	■	■	■	■	■
	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■	-/■	-/■
Advanced features	Privacy masking	■	■	■	■	■
	Nbr of presets/guard tours	256/2	256/2	256/2	256/2	256/2
	Wiper / Built in window defroster	■/-	■/■	■/■	■/■	■/■
	Intelligent Tracking	-	-	-	-	-
	3rd party apps possible	■	■	■	■	■
	AI based Object classification detectors	-	-	-	-	-
	Tamper detection / Video motion detection	■/■	■/■	■/■	■/■	■/■
Analytics	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)	Optional (with license)	Optional (with license)
	Minimum illumination day mode (color)	0.0047 lux	0.0047 lux	0.0047 lux	0.292 lux	0.292 lux
Sensitivity	Minimum illumination night mode (black / white)	0.0013 lux	0.0013 lux	0.0013 lux	0.0110 lux	0.0110 lux
	Night vision	■ (optional illuminator)	■ (optional illuminator)	■ (optional illuminator)	■ (optional illuminator)	■ (optional illuminator)
	Max. range at night	550 m (1804 ft)	550 m (1804 ft)	550 m (1804 ft)	300 m (984 ft)	300 m (984 ft)
Lens	Focal length	6.6 - 198 mm	6.6 - 198 mm	6.6 - 198 mm	9.3 - 111.6 mm	9.3 - 111.6 mm
	Horizontal Angle of View (HAoV)	2.1° to 58.3°	2.1° to 58.3°	2.1° to 58.3°	6.1° to 64.6°	6.1° to 64.6°
	PTZ Zoom optical/digital	30x/12x	30x/12x	30x/12x	12x/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)	-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 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	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)	■ (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	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)/-	■ (with external decoder)/-	■ (with external decoder)/-
Housing	Weather rating	IP68	IP68	IP68	IP68	IP68
	Vandal resistant	IK10	IK10	IK10	IK10	IK10
	Operating temperature	-40° to +65° C (-40° to +149° F)	-40° to +65° C (-40° to +149° F)	-40° to +65° C (-40° to +149° F)	-40° to +65° C (-40° to +149° F)	-40° to +65° C (-40° to +149° F)
Power input voltage	Power over Ethernet / 12V / 24Vac	■ HiPoE/-/■	■ HiPoE/-/■	■ HiPoE/-/■	■ HiPoE/-/■	■ HiPoE/-/■

* Restricted product, contact your Bosch representative

IP Video

Digital Recording

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

All-in-one solution

▶DIVAR IP all-in-one 4000

▶DIVAR IP all-in-one 6000

▶DIVAR IP all-in-one 7000 2U

▶DIVAR IP all-in-one 7000 3U



Commercial Type Number		DIP-442xxx-xxx	DIP-644x-xxx	DIP-738x-xxx	DIP-73Gx-xxx
Basic functions	Max. system size (channels)	▶ 32	64	256	256
	Integrated 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	■	■	■	■
Mechanical	ONVIF	■	■	■	■
	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 100Mbit (Mgmt)	2x Gigabit Ethernet, 1x 100Mbit (Mgmt)
	USB ports	▶ 2x USB2.0, 4x USB3.2 Gen2	2x USB2.0, 4x USB3.2 Gen2	2x USB2.0, 3x USB3.1, 1x USB-C	2x USB2.0, 3x USB3.1, 1x USB-C
	Number of power supplies	▶ 1	1	2	2
Video output	Power supplies hot swappable	▶ –	–	■	■
	Connector type	▶ 1 HDMI2.0, 1 HDMI1.4, 1 DP 1.2	2x DP 1.2, 1x DVI-D	2x DP, 1x DVI	2x DP, 1x DVI
	Monitor output	3	3	3	3
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	8	16
	Available capacities per drive	4, 8 or 18TB	4, 8 or 18TB	4, 8 or 12TB	4, 8 or 12TB
	Base system capacity TB	▶ 0, 8, 16 or 36TB	0, 16, 32 or 72TB	0, 32, 64 or 96TB	0, 64, 128 or 192TB
	Max. Base system capacity TB	▶ 36TB	72TB	96TB	192TB
	Full system capacity TB	▶ 108TB	360TB	864TB	960TB
	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	8	16
	Available capacities per drive	▶ 4, 8 or 18TB	4, 8 or 18TB	4, 8 or 12TB	4, 8 or 12TB
	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	USB 2.0, USB 3.0, iSCSI, internal CD/DVD Writer	USB 2.0, USB 3.0, iSCSI, internal CD/DVD Writer
	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-738x-xxx	DIP-73Gx-xxx
Redundancy	Power supply redundancy	►	–	■	■
	Hot swappable HDD	►	–	■	■
	Teamed Ethernet Network ports	■	■	■	■
	Redundant operating system drive	►	–	■	■
Software options	PTZ control	■	■	■	■
	CCTV keyboard support	■	■	■	■
	Admin control	■	■	■	■
	Export options	■	■	■	■
Remote access	Mobile device (smart phone / tablet)	■ Video security app	■ Video security app	■ Video security app	■ Video security app
	Network	10/100/1000 Ethernet	10/100/1000 Ethernet	10/100/1000 Ethernet	10/100/1000 Ethernet
	Web browser access	■	■	■	■
	Simultaneous accessible users	4	4	4	4
Advanced features support	Forensic search support (metadata)	■	■	■	■
	Webclient	■	■	■	■
Supported software	Bosch Video Management System	►	■ (v11.1.1 or newer)	■ (v10.1 or newer)	■ (v10.1 or newer)
	3 rd Party software	–	–	–	–
3 rd party integration tools	Optional ATM/POS integration	■	■	■	■
	SDK (IPP*)	■	■	■	■
	Operating System	►	Windows Server IoT 2022 for Storage Workgroup	Windows Server IoT 2019 for Storage Standard	Windows Server IoT 2019 for Storage Standard

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

IP Video

Digital Storage

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	12 bay: 7 / 60 bay: 3
	Maximum drives supported	12/60
	Available capacities per drive	4, 8 or 12TB
	Hot swappable	■
	Data format	WMF, Bosch ASF
Export/back-up of data	Built-in DVD writer	—
	Supported devices	External CD/DVD Writer, USB 2.0, iSCSI
	Back-up mode	manual or automatic
	Power supply redundancy	■
Redundancy	Hot swappable HDD	■

Table continued on the next page

IP Video

Digital Storage

Network Video Recorder

► DSA E-Series



■ Available – Not available

Commercial Type Number		DSA-N6xxxx-xxxx
Software options	PTZ control	—
	CCTV keyboard support	—
	Admin control	—
	Export options	—
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 ▶	–	■	■	■	■	■	■
	Maximum number of Bosch B/G Series intrusion panels ▶	–	1 (5)	1 (5)	1 (10)	1 (10)	1 (10)	1 (40)
Integration	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	120 per site	128 per site
	Usage situation	Mobile	PC and Mobile
	Workstation OS support	iOS, Android	Windows 10.1607 “Anniversary Update”(64- bit) or higher
	Software based Video IP Platform	■	■
	Multi-site Support (independent systems tied together)	–	–
	Multi-site Support (dispersed system recording, cameras, remote independent client)	–	–
Key technologies supported	Dynamic Transcoding	■	■
	Video analytics	■	■
	Client side dewarping (panoramic)	■	■
	4K UHD	►	■
Encoding	starlight		
	H.264/HEVC/H.265	■/■/■	■/■/■
	MPEG-4	■	■
Viewing	3rd party camera support	■ (with VSG)	■ (with VSG)
	Multi-monitor support	–	–
	16:9 monitor support	►	■
	Viewing frequency	–	–
	Dynamic cameo scaling	■	■
Alarm Management	User management	–	–
	Digital I/O alarms	–	–
	System event alarms	–	–
	Motion alarms	–	–
	Event response and command scripts	–	–
	Video analytics alarms	–	–
	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	–	–
Integration	DLA Support (VRM Mode)	■	■
	BRS	–	–
	DxR 400 / 600 / 700	–	–
	Virtual inputs	–	–

IP Video Encoders

►VIDEOJET multi 4000



■ Available – Not available

Commercial Type Number		VJM-4016
Video/Audio	Description	16 Channel H.264 Video Encoder
	Camera Inputs	16
	Video Codec	H.264 High Profile
	Max. frames per second (fps)	25/30@4CIF
	Audio in / out	2/1
Intelligence	Transcoding at the edge	–
	Direct-to-iSCSI	■
	Video Analytics	Motion+
Interfaces	Alarm In	4
	Relay Out	1
	ONVIF conformant	■

IP Video Decoders

►VIDEOJET decoder 7000



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

Commercial Type Number		VJD-7513
Video/Audio	Description	High performance H.265 UHD decoder
	Monitor Outputs	2 (HDMI, DP via USB-C)
	Video Codec	H.265, H.264, MPEG-4, MPEG-2
	Max. frames per second (fps)	4x 30@UHD* 10x 60@1080p* 18x 60@720p* 28x 60@432p*
	Audio in / out	via HDMI
Interfaces	Transcoding at the edge	–
	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	–	–