

EXTEND SMART SECURITY TO GENERAL SURVEILLANCE APPLICATIONS



IP 3000i cameras

Extend smart video surveillance to small security applications with the IP 3000i cameras. Built for high-quality images, 24/7 performance, with easy installation and built-in intelligence as standard.


Essential Video Analytics

- Alerts when needed
- Quickly retrieve correct data
- Enforcing health and safety regulations

Applications

- Retail stores
- General surveillance in offices and commercial buildings
- Administrative offices within a bank

FLEXIDOME IP micro 3000i



- 1080p
- 5MP
- 120dB
- H.265
- ≤ 30

FLEXIDOME IP 3000i IR



- 1080p
- 5MP
- 120dB
- H.265
- ≤ 30
- AVF
- IR 30m

FLEXIDOME IP turret 3000i IR



- 1080p
- 5MP
- 120dB
- H.265
- ≤ 30
- AVF
- IR 15m

DINION IP 3000i IR



- 1080p
- 5MP
- 120dB
- H.265
- ≤ 30
- AVF
- IR 30m

Installation made simple

- 1,2,3
Mounting and cabling in three easy steps
- No "pigtail": increased protection against water ingress
- Compatible with modular accessories (FLEXIDOME IP 3000i IR)

All outdoor models have

- High impacts **IK10**
- Withstands challenging weather conditions **IP66**

- Ease of installation
- Data security
- Bitrate reduction **≤80%**



BOSCH

Invented for life

IP 3000i cameras

Portfolio at a glance

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

▶ FLEXIDOME IP micro 3000i

▶ FLEXIDOME IP 3000i IR

▶ FLEXIDOME IP turret 3000i IR

▶ DINION IP 3000i IR



Commercial Type Number		NDV-3502-Fxx	NDV-3503-Fxx	NDE-3502-AL	NDE-3503-AL	NTV-3502-FxxL	NTV-3503-FxxL	NBE-3502-AL	NBE-3503-AL
Video analytics at the edge	Essential Video Analytics	■	■	■	■	■	■	■	■
	Intelligent Video Analytics	-	-	-	-	-	-	-	-
Bitrate management	Intelligent Dynamic Noise Reduction	■	■	■	■	■	■	■	■
	Intelligent streaming	■	■	■	■	■	■	■	■
Basic features	Compression (H.265 / H.264 & MJPEG) / multi-streaming	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams	■/■/4 streams
	Maximum resolution	▶ HD 1080p	5.3MP	HD 1080p	5.3MP	HD 1080p	5.3 MP	HD 1080p	5.3 MP
	Image sensor type	▶ 1/2.8" CMOS	1/2.9" CMOS	1/2.8" CMOS	1/2.9" CMOS	1/2.8" CMOS	1/2.9" CMOS	1/2.8" CMOS	1/2.9" CMOS
	Max. frames per second (fps)	▶ 30 fps @ 1080p	20 fps @ 5.3MP 25 fps @ 4.1MP	30 fps @ 1080p	20 fps @ 5.3MP 25 fps @ 4.1MP	30 fps @ 1080p	20 fps @ 5.3MP 25 fps @ 4.1MP	30 fps @ 1080p	20 fps @ 5.3MP 25 fps @ 4.1MP
Advanced features	Indoor / outdoor	■/-	■/-	-/■	-/■	■/-	■/-	-/■	-/■
	Day / night	▶ ■ (electronic)	■ (electronic)	■	■	■	■	■	■
	Wide Dynamic Range (WDR)	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB
	ONVIF conformant	■	■	■	■	■	■	■	■
	Built-in microphone	▶ ■	■	-	-	■	■	-	-
	Intelligent Auto Exposure / Intelligent Defog	-/■	-/■	-/■	-/■	-/■	-/■	-/■	-/■
	Privacy masking	■	■	■	■	■	■	■	■
Alarm triggering	Region Of Interest tracking	■	■	■	■	■	■	■	■
	Upright video mode	■	■	■	■	■	■	■	■
	Tamper detection / Video motion detection	■/■	■/■	■/■	■/■	■/■	■/■	■/■	■/■
Sensitivity	Built-in video analytics	■	■	■	■	■	■	■	■
	Audio detection	■	■	■	■	■	■	■	■
	Minimum illumination day mode (color)	▶ 0.06 lux	0.5 lux	0.06 lux	0.5 lux	0.06 lux	0.5 lux	0.06 lux	0.5 lux
	Minimum illumination night mode (black/white)	▶ 0.015 lux	0.2 lux	0.015 lux	0.2 lux	0.015 lux	0.2 lux	0.015 lux	0.2 lux
Lens	Night vision	▶ -	-	■ (infrared)	■ (infrared)	■ (infrared)	■ (infrared)	■ (infrared)	■ (infrared)
	Max. range at night	▶ -	-	30 m	30 m	15 m	15 m	30 m	30 m
	Automatic varifocal	▶ -	-	■	■	-	-	■	■
DORI distances	Focal length	▶ 2.3 - 2.8 mm	2.3 - 2.8 mm	3.3 - 10 mm	3.3 - 10 mm	2.3 - 2.8 mm	2.3 - 2.8 mm	3.3 - 10 mm	3.3 - 10 mm
	Horizontal Angle of View (HAoV)	▶ 132° - 118°	118° - 94°	33° - 104°	30° - 89°	132° - 118°	118° - 94°	33° - 104°	30° - 89°
	Detect / Observe / Recognize / Identify (Distances according to EN-IEC 62676-4 standard)	▶ 17/7/3/2 28/11/6/3	37/15/7/4 57/23/11/6	30-75/12-30/ 6-15/3-8	63-141/25-56/ 13-28/6-14	17/7/3/2 28/11/6/3	37/15/7/4 57/23/11/6	30-75/12-30/ 6-15/3-8	63-141/25-56/ 13-28/6-14
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	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	1/1	1/1	1/1	1/1
	Audio in / out	▶ ■ (built-in mic)/■	■ (built-in mic)/■	■/■	■/■	■ (built-in mic)/■	■ (built-in mic)/■	■/■	■/■
	Hybrid / public view monitor	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
Housing	Weather rating	▶ -	-	IP66	IP66	-	-	IP66	IP66
	Vandal resistant	▶ IK08	IK08	IK10	IK10	IK08	IK08	IK10	IK10
	Operating temperature	▶ -20° to 50° C (-4° to 122° F)	-20° to 50° C (-4° to 122° F)	-30° to 50° C (-22° to 122° F)	-30° to 50° C (-22° to 122° F)	-20° to 50° C (-4° to 122° F)	-20° to 50° C (-4° 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	■/■/-	■/■/-	■/■/-	■/■/-	■/■/-	■/■/-	■/■/-	■/■/-

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