

FLEXIDOME panoramic 5100i (IR)

A 360-degree overview in a single image without blind spots

The new FLEXIDOME panoramic 5100i cameras combine built-in Artificial Intelligence with a 360-degree overview in a single image without blind spots. They are prepared for audio analytics with a built-in microphone array that captures audio from any direction.



BOSCH
Invented for life



**FLEXIDOME
panoramic 5100i**



**FLEXIDOME
panoramic 5100i IR**

Specifications

FLEXIDOME panoramic 5100i

NDS-5703-F360

6MP
(2112x2112)

30fps



-10 to 45°C
(-14 to 113°F)

NDS-5704-F360

12MP
(3008x3008)

30fps



-10 to 45°C
(-14 to 113°F)

FLEXIDOME panoramic 5100i IR

NDS-5703-F360LE

6MP
(2112x2112)

30fps



20m / 66ft



-40 to 55°C
(-40 to 131°F)

NDS-5704-F360LE

12MP
(3008x3008)

30fps



20m / 66ft



-40 to 55°C
(-40 to 131°F)



Audio I/O,
Alarm I/O



Installation made simple



Twist and click
for indoor
models



Mounting and
cabling in three
easy steps for
outdoor models



Unified set of
accessories



HDMI

Built-in Artificial Intelligence with Intelligent Video Analytics and Camera Trainer, prepared for audio analytics



Extremely
reliable
in various
environments



Machine
learning
functionality



Integrated
microphone
array for audio
analytics and
localization

Excellent imaging



Stereographic
lens



120 dB

Data security



Built-in
Secure
Element
with TPM
functionality



Supports RSA
encryption
key lengths
of up to 4096
bits

Bitrate reduction ≤80%

IP Video

Dome Cameras

►FLEXIDOME panoramic 5100i

►FLEXIDOME panoramic 5100i IR



■ Available – Not available

► = indication of main differentiator(s)

Commercial Type Number		NDS-5703-F360	NDS-5704-F360	NDS-5703-F360LE	NDS-5704-F360LE
Video analytics at the edge	Essential Video Analytics	–	–	–	–
	Intelligent Video Analytics + Camera Trainer	■	■	■	■
Bitrate management	Audio analytics	future support	future support	future support	future support
	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		future support	future support	future support	future support
Privacy masking		■	■	■	■
Region Of Interest tracking		future support	future support	future support	future support
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
	Horizontal Angle of View (HAoV)	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 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
	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	■	■	■	■