

FLEXIDOME panoramic 5100i



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. Intelligent Audio Analytics reliably detects and classifies unique audio signatures to help security guards respond proactively.



FLEXIDOME panoramic 5100i



FLEXIDOME panoramic 5100i IR

Specifications

FLEXIDOME panoramic 5100i			Audio I/O, Alarm I/O				
NDS-5703-F360	6MP (2112x2112)	30 fps			●		-10 to 45° C (-14 to 113° F)
NDS-5704-F360	12MP (3008x3008)	30 fps			●		-10 to 45° C (-14 to 113° F)
FLEXIDOME panoramic 5100i IR							
NDS-5703-F360LE	6MP (2112x2112)	30 fps	●	20 m / 66 ft	●	●	-40 to 55° C (-40 to 131° F)
NDS-5704-F360LE	12MP (3008x3008)	30 fps	●	20 m / 66 ft	●	●	-40 to 55° C (-40 to 131° F)

Built-in Artificial Intelligence

Intelligent Video Analytics



Reliable in various environments

Camera trainer



Machine learning functionality

Intelligent Audio Analytics



Optional gunshot detector, and T3/T4 alarm detector (via license)

Excellent imaging



Stereographic lens



120dB

Data security



Built-in Secure Element with TPM functionality



Supports RSA encryption key lengths of up to 4096 bits

Easy to install



Twist and click for indoor models



Mounting and cabling in three easy steps for outdoor models



Unified set of accessories



HDMI

Invented for life

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	■	■	■	■