HANWHA- 4MP AI IR Dome Camera XND-C7083RV

DESCRIPTION

Reducing False alarm based on AI
The new X series cameras utilize AI to detect and classify people, vehicles, faces, license plates and more in real-time. With a range of available resolutions from 2MP to 4K, the cameras deep-learning algorithms can reliably identify multiple distinct objects. Reduce false alarms due to none interesting motion, like wind-blown trees, shadows, or animals. Analytics become a reliable second pair of eyes to operators helping them know where to look for important real-time events, while making post-event forensic searches highly efficient.

AI-based object detection for operational efficiency
Metadata including information (person, face, vehicle, license plate) is sent to the backend server and used to extract information on specific events. Operators are able to search AI events on the backend server. This greatly enhances search efficiency and reduces time spent on searching events. Also it can be reducing false alarm when operators were monitoring scene.

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AI-based WiseNRII and Prefer Shutter Control
WiseNRII is a new enhancement which utilizes AI to identify object movement and reduce blur in noisy, low light environments. AI-based Preferred Shutter technology automatically adjusts the shutter speed based on classified objects in motion and the lighting conditions in a scene to reduce motion blur and deliver the clearest images.

AI-based Image Optimization, WiseStream
By utilizing the results of AI-based object detection, WiseStreamIII technology adjusts the video encoder to focus maximum video

quality on the detected objects in a scene while scaling back encoding on the rest of the scene.

TECHNICAL CHARACTERISTICS

Brand : HANWHA
Part number : XND-C7083RV
Représentation / réalisation :
Type : IP security camera
Réseau :
Bluetooth : N
Anti-flicker : Y
Built-in HDD : N
Card reader integrated : Y
Compatible memory cards : MicroSD (TransFlash), MicroSDHC, MicroSDXC
Connectivity technology : Wired
Day/night mode : Y
DC output voltage : 12
Depth : 160 mm
Diameter : 16 cm
Dynamic range : 120 dB
Ethernet LAN : Y
Ethernet LAN (RJ-45) ports : 1
Flash memory : 512 MB
Focal length range : 2.8 - 10 mm
Form factor : Dome
Frame rate : 60 fps
Height : 118 mm
IK code : IK10
Image stabilizer : Y
Internal memory : 2000 MB
International Protection (IP) code : IP66, IP67
IP address filtering : Y
LED type : IR
Lens viewing angle, diagonal : 131.3°
Lens viewing angle, horizontal : 109.7°
Lens viewing angle, vertical : 60.8°
Maximum memory card size : 512 GB
Maximum resolution : 2592 x 1520 pixels
Mounting type : Ceiling
Night vision : Y
Night vision distance : 40 m
Noise reduction : Y
Number of cameras : 1
Number of lenses : 1
Operating temperature (T-T) : -50 - 55 °C
Optical sensor size : 25.4 / 2.8 mm (1 / 2.8»)
Pan range : 0 - 360°
Placement supported : Indoor & outdoor
Power consumption (max) : 13.2 W
Power consumption (Power over Ethernet (PoE)) : 12.95 W
Power consumption (typical) : 10.8 W
Power source type : DC, PoE
Product colour : White

Progressive scan : Y
Security algorithms : EAP-LEAP, EAP-PEAP, EAP-TLS, HTTPS
Sensor type : CMOS
Storage temperature (T-T) : -50 - 60 °C
Streaming method : Multicast, Unicast
Tilt angle range : -45 - 75°
Total megapixels : 4 MP
Video recording : Y
Video streaming : Y
Weight : 1.45 kg
White balance : ATW, AWC, Indoor, Manual, Outdoor
Wide Dynamic Range (WDR) : Y
Width : 160 mm
Wi-Fi : N
Zoom capability : Y