

Standard 8MP IR Dome Camera



Features That Make a Difference:

- 1/2.5" Progressive Scan CMOS
- H.265
- 2.8 12mm Motorized Lens
- 120dB WDR
- 3D DNR
- Up to 30m IR range
- DC12V/PoE
- IP67
- IK10

The versatile Illustra Standard Dome camera provides 4K full HD resolution for high-quality images in both indoor and outdoor environments. The camera comes with a motorized Varifocal lens and has several intelligent functions in-built for high-quality video surveillance. Additionally, this Ultra HD Camera Model ISS08DN1CWIT comes with a rich feature-set that includes 120dB WDR, PoE, and 3D DNR to meet a wide variety of Video Surveillance applications.

Record Video at 4K Image Clarity

The resolution of the Camera is 3840 × 2160 @20fps. It supports H.265/H.264/MJPEG video compression and Main/High Profile encoding complexity. True Wide Dynamic Range balances challenging lighting conditions.

Superior IR Performance

An in-built IR covering up to 30 meter range provides high quality colored images in low light conditions.

Built-in Intelligence

With a host of intelligent features and functions, the camera makes video surveillance easy for security professionals. Intelligent Detection includes comprehensive features such as Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, Face Detection & motion detection.

ONVIF Support

The Camera supports ONVIF (profile S & profile G) protocol, Video Stream Recording, live view at different resolutions and bitrate configuration options.

Ideal for Outdoor Applications

Ingress Protection is at the IP67 level with anti-thunder, anti-surge, anti-static protection that makes this camera ideal for Outdoor Video Surveillance applications. The camera housing is also rated for IK10.



















Specifications

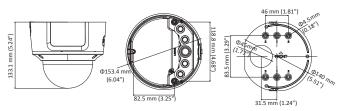
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Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100000 s, Supports Slow Shutter
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120dB
IR Range	Up to 30 m
Lens	
Focal length	2.8 to 12 mm Motorized Zoom Lens
Aperture	F1.4
FOV	Horizontal field of view: 120° to 36° Vertical field of view: 62° to 20.5° Diagonal field of view: 149° to 42°
Compression	
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Main Profile/High Profile
H.265 Type	Main Profile
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	G722.1/G711ulaw/G711alaw/G726/MP2L2
Audio Bit Rate	32 to 128kbps
Intelligence	
Behavior Analysis	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, Face Detection
Region of Interest	Supports 1 fixed region per stream
Image	
Max. Resolution	3840 × 2160
Main Stream	50Hz: 20 fps (3840 × 2160), 25 fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30 fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25fps (640 × 360, 352 × 288) 60Hz: 30fps (640 × 360, 352 × 240)

Third Stream	50Hz: 25fps (1280 ×720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 ×720, 640 × 360, 352 × 240)
Image Enhancement	Back Light Compensation (BLC), 3D DNR
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Network	
Alarm Trigger	Motion detection, video tamper, network disconnect, IP address conflict, illegal login, HDD full, HDD error, Alarm input, Alarm output
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6
Other Functions	One-key reset, anti-flicker, three streams, heartbeat, password protection, privacy mask, watermark, IP address filter
Onvif Conformance	PROFILE S, PROFILE G
User Management	Up to 6 channels live View Up to 32 users
	3 levels: Administrator, Operator and User
Web Browser	IE8+, Chrome , Firefox, Safari 8.0+
Interface	
Audio	1 input (line in, 3.5 mm), 1 output(3.5 mm)
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Alarm	1 input, 1 output (max. 12 VDC, 30 mA)
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
General	
Operating Conditions	Temperature: -30 °C to +60 °C Humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, PoE (802.3af) Terminal block for DC input
Power Consumption and Current	12 VDC, 1A, max. 13W PoE (802.3af, 37V to 57V), 0.1A to 0.3A, max. 14W
Protection Level	IP67, IK10
Material	Metal
Dimensions	Ø153.4 × 133.1 mm (Ø6.04" × 5.24")
Weight	Camera: 1287 g (2.84 lb.)

Ordering Information

Model Number	Description
ISS08DN1CWIT	8 MP IR Dome with 2.8-12mm varifocal zoom lens

Dimensions



Related Products







exacqVision

Approvals







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