

IS-DM830



The IS-DM830 is Sentry 360's next generation, impact resistant, Ultra-HD, IP network camera. It has been designed for government and enterprise surveillance environments. The camera supports H.265 and H.264 offering superior image quality while the end-user is able to adjust each stream independently for storage management. The IS-DM830 can provide a 12.0 MP real time stream with 2 shutter WDR, which is designed for high contrast environments with changing light. The compact design is ideal for surface mount installation. It supports industry standard conduit for outdoor applications. The modular design of the IS-DM830 provides class leading ease of installation. With a wide variety of attachments, the IS-DM830 can be used in almost every situation.

SPECIFICATIONS

CAMERA

Image Sensor	12Megapixel 1/1.7" progressive scan CMOS	
Effective Pixels	4000 x 3000	
Minimum Illumination	Color: 0.02 Lux/F1.53	Black: 0 Lux/F1.53
Shutter Speed	~ 1 - 1/10000 sec	
Signal to Noise	>50dB	
Dynamic Range	120dB	

LENS

Lens Type	Motorized/Auto Iris (Hall): 4.1-16.4 mm
F Number	F1.53
Field of View	360°

OPERATION

Languages	English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese
Image Control	P-IRIS & DC-IRIS, Backlight Compensation, Exposure (Auto / Manual), White Balance (Auto / Manual), 3D Noise Reduction, Wide Dynamic Range, Privacy Mask
Image Settings	Brightness, Sharpness, Contrast, Saturation, Hue
Pan / Tilt / Zoom	Digital PTZ
Audio	Line in / Line out
SD Card	microSD 128 GB Support

EVENTS

Motion Detection	Multiple groups and windows
Alarms	Tampering, Network Failure Detection, Audio Detection, Input / Output
Event Notification	HTTP / FTP / SMTP

NETWORK

Interface	RJ-45, 100/1000Base-T
Protocols	HTTP, HTTPS, TCP, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPOE, IPv4/v6, QoS, UPnP, NTP, Bonjour, 802.1x, Multicast, ICMP, IGMP, SNMP
Security	HTTPS / IP Filter / IEEE 802.1X
Accounts	User and Administrator, Up to 20
Web Browser	Internet Explorer (6.0+) / Chrome / Firefox / Safari

STREAMING

Video Format	Three Streams: H.264, H.265	
Main Stream	Resolution	FPS
	4000 x 3000	20
Data Transmission	H.264	24 ~ 16384Kbps
	H.265	14 ~ 9984Kbps
	Main Stream	12M(1~20fps)/ 4K(1~25/30fps)
	Sub Stream	D1 (1 ~ 25/30fps)
	Third Stream	1080P(1~25/30fps)

MECHANICAL

Gimbal	3-axis	
IR Filter	Mechanical cut	
IR Illuminator	6 LEDs, 850 nm, up to 40 m	
Connectors	Alarm	4 pin Terminal Block
	Power	2 pin Terminal Block
	Analog Video	2 pin Terminal Block
Dimensions	159.1 × 117.9 mm (6.26×4.64 in)	
Weight	0.96kg (2.12 lbs)	

ELECTRICAL

Consumption	<18W
Source	C12V,AC24V, PoE (802.3at)(Class 4)

ENVIRONMENTAL

Operating Temperature	-40° to 60°C (-40° to 140°F)
Humidity	<95% RH
Weather Rating	IP67
Impact Rating	IK10

REGULATORY

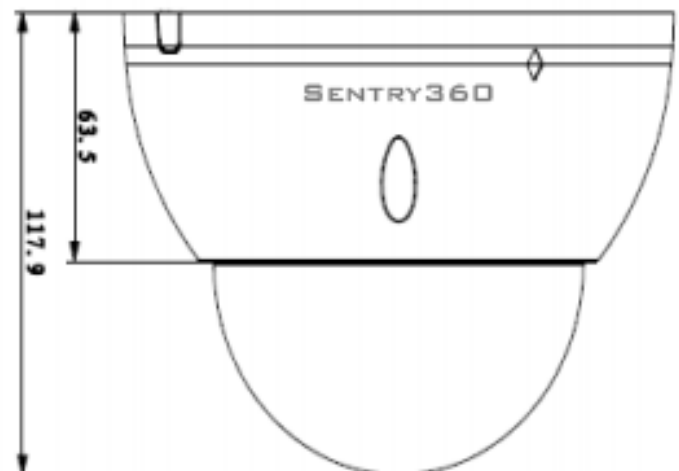
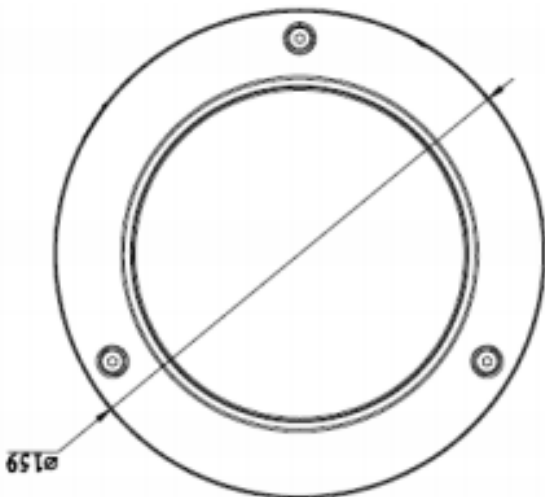
Certifications	CE / FCC / UL Listed
-----------------------	----------------------

ACCESSORIES

DM-MK-3	Mounting Kit
DM-RECESSED-2	Recessed Mount
DM-JBOX	J-Box Adapter
DM-CORNER	Corner Mount (Requires DM-PENDANT)
DM-POLE	Pole Wall Mount (Requires DM-PENDANT)
DM-CEILING	Ceiling Mount (Requires DM-MK-3)
DM-PENDANT	Pendant Wall Mount (Requires DM-MK-3)

WARRANTY

Minimum 3 Year Parts and Labor



Sentry 360 Security, Inc. reserves the right to change products or