

IS-DM250



The IS-DM250 is Sentry 360's next generation, impact resistant, 2.0 MP, HD IP network camera. It has been designed for government and enterprise surveillance environments. The camera supports H.264 and MJPEG allowing it to offer superior image quality while the end user is able to adjust each stream independently for storage management. The IS-DM250 can provide a 2.0MP 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-DM250 provides class leading ease of installation. With a wide variety of attachments, the IS-DM250 can be used in almost every situation.

SPECIFICATIONS

CAMERA

Image Sensor	2.0 megapixel 1/2.8" CMOS	
Effective Pixels	1920 x 1080	
Minimum Illumination	Color:	B/W:
	0.5 Lux/F1.6	0.005 Lux/1.6
Shutter Speed	~ 1/3 - 1/30000 sec	
Signal to Noise	>55dB	
Dynamic Range	120 dB	

LENS

Lens Type	Motorized Varifocal: 4.5 -13.5 mm
F Number	F/1.4 (Wide) F/2.6(Tele)
Field of View	2.4° to 67.8°

OPERATION

Languages	English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese
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Image Control	Auto Iris, Auto Focus, Backlight Compensation, High Light Compensation, Exposure (Auto / Manual), White Balance (Auto / Manual), Ultra DNR, Digital Wide Dynamic Range, Privacy Mask, Digital Zoom 16x
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Image Settings	Brightness, Sharpness, Contrast, Saturation, Hue
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Pan / Tilt / Zoom	Pan	360° endless
	Tilt	~ -15° to 90°
	Auto Flip	180°
	Tilt Speed	~ 0.1° to 200° /sec
	Pan Speed	~ 0.1° to 300° /sec
	Preset	300
	Preset Speed	Pan: 400°/s; Tilt: 300°/s
	Auto Pan / Cruise	5 / 8

Audio	Line in / Line out
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SD Card	microSD 128 GB Support
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EVENTS

Motion Detection	Multiple groups and windows
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Alarms	Network Failure Detection, Audio Detection, 2/1 Channel Input/Output
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Event Notification	HTTP / FTP / SMTP
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NETWORK

Interface	RJ-45, 10/100 Mbps Ethernet
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Protocols	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x, ONVIF, PSIA, CGI
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Security	HTTPS / IP Filter / IEEE 802.1X
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Accounts	User and Administrator, Up to 20
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Web Browser	Internet Explorer (6.0+) / Chrome / Firefox / Safari
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STREAMING

Video Format	Three Streams: H.264, MJPEG	
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Main Stream	Resolution	FPS
	1920 x 1080	30

Data Transmission	Data Rate	TBD
	MJPEG	

	Data Rate	TBD
	H.264	

	Frame Rate	30 fps @ 1920x1080
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	Max Frame Rate	30 fps @ 1920x1080
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MECHANICAL

Gimbal	PTZ
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IR Filter	Mechanical cut
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IR Illuminator	Up to 100m
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Connectors	Alarm	2/1 Channel In/Out
	Power	AC24, PoE
	Analog Video	N/A

Dimensions	172 x 229 mm (6.7 x 9 in)
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Weight	1.6 kg (3.57 lbs)
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ELECTRICAL

Consumption	55 Watts PoE / 57 Watts AC
Source	AC 24V / PoE 802.3at

ENVIRONMENTAL

Operating Temperature	0° to 40°C (32° to 104°F)
Humidity	90% Non-condensing
Weather Rating	IP66 (Outdoor)
Impact Rating	IK10 (Outdoor)

REGULATORY

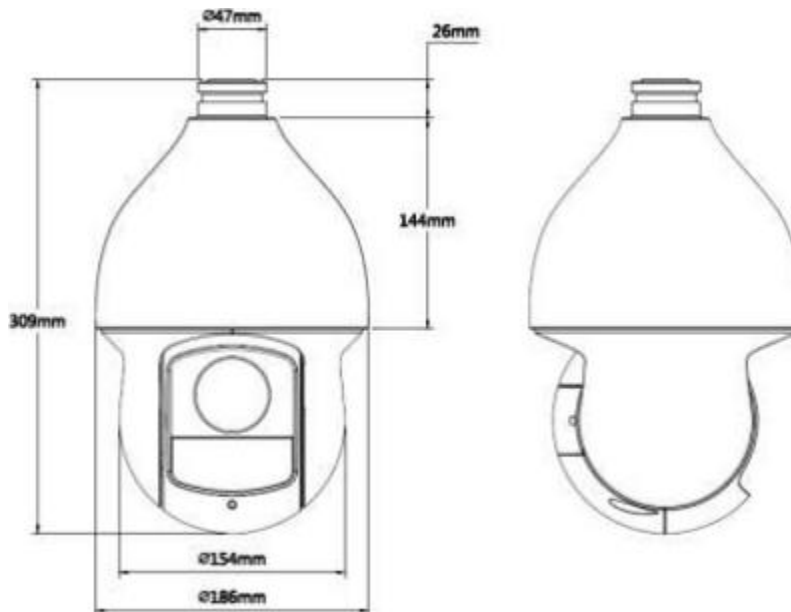
Certifications	CE / FCC / RoHS / UL Listed
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ACCESSORIES

Mount Kit	DM-PCAP (Included with Unit)
Pendant Mount	DM-PENDANT (DM-PCAP Required)
Corner Mount	DM-CORNER (DM-PENDANT Required)
Pole Mount	DM-POLE (DM-PENDANT Required)
Ceiling Mount	DM-CEILING

WARRANTY

Minimum 3 Year Parts and Labor



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