

IS-BX12



The IS-BX12 is Sentry 360's next generation professional 12.0 MP, Ultra-HD, IP network camera. It has been designed for government and enterprise surveillance environments. The camera supports H.265 and H.264 allowing it to offer superior image quality while the end-user is able to adjust each stream independently for storage management. The IS-BX12 can provide 12MP 20 frames-per-second with dual shutter WDR, which is designed for high contrast environments with changing light. This stand-alone professional camera has a CS mount and utilizes a variety of telephoto and machine vision lenses to optimize pixel-per-foot image detail at a variety of distances.



SPECIFICATIONS

CAMERA	
Image Sensor	12.0 megapixel 1/1.7" CMOS
Effective Pixels	4000 x 3000
Minimum Illumination	Color: B/A: .01 Lux/F1.2 0.001 Lux/F1.2
Shutter Speed	~ 1/3 - 1/10000 sec
Signal to Noise	>50db
Dynamic Range	120dB
LENS	
Lens Type	CS Mount (lens not included)
F Number	F/2.2
Field of View	N/A
OPERATION	
Languages	English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese
Image Control	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	1/1 channel In/Out, 1 Built in Mic
SD Card	microSD 128GB
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.265, H.264	
Main Stream	Resolution	FPS
	4000 x 3000	20
Data Transmission	Main Stream	12M(1~20fps)/ 4K(1~25/30fps)
	Sub Stream	D1 (1 ~ 25/30fps)
	Third Stream	1080P(1~25/30fps)
MECHANICAL		
Gimbal	N/A	
IR Filter	TBD	
IR Illuminator	N/A	
Connectors	Alarm	2/1 channel In/Out
	Power	DC12V, PoE (802.3af)
	Video Interface	1 Port
Dimensions	135.4 × 74.4 × 65.5mm (5.33 × 2.93 × 2.58 in)	
Weight	0.66 kg (1.46 lbs)	

ELECTRICAL

Consumption	<8 Watts
Source	DC12V / AC24V / PoE 802.3af

ENVIRONMENTAL

Operating Temperature	-30° to 60°C (-22° to 140°F)
Humidity	<95% RH
Weather Rating	N/A
Impact Rating	N/A

REGULATORY

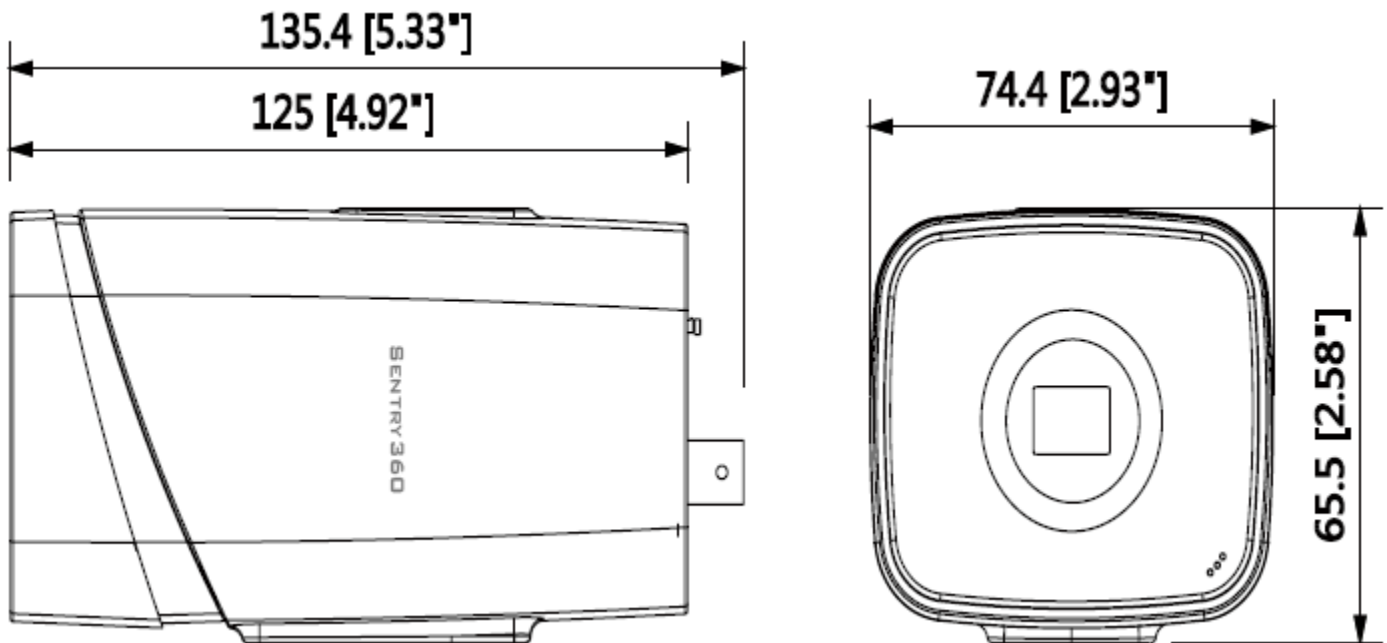
Certifications	CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B
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ACCESSORIES

DM-JBOX	Junction box adapter Plate
DM-MK-2	Mounting adapter
DM-CORNER	Corner mount (Requires DM-MK-2)
DM-CEILING	Ceiling mount (Requires DM-MK-2)
DM-POLE	Pole mount (Requires DM-MK-2)
DM-PENDANT	Pendant style wall mount (Requires DM-MK-2)

WARRANTY

Minimum 3 Year Parts and Labor



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