

FS-IP8180



The FS-IP8180 camera is an MJPEG or H.264 encoding, 8.0 Megapixel resolution, IP-addressable, 180 degree camera. It is designed to deliver full-motion, high-definition, progressive scan digital video across local area networks. The FS-IP8180 features a design with no moving parts, creating a full 180-degree view with no blind spots. An optically corrected fish-eye lens, designed exclusively for the FullSight™ camera, allows for immersive 180 degree live view. The FS-IP8180 is equipped with a mechanical IR cut filter that filters infrared light to display high-quality video images in low-light environments.



SPECIFICATIONS

CAMERA

Image Sensor	10.0 megapixel 1/2.3" CMOS
Effective Pixels	8.0 megapixel @ 2352 (H) x 1008 (V)
Minimum Illumination	Color: 0.1 lux
Shutter Speed	~ 1 - 1/10000 sec
Dynamic Range	65 db

LENS

Lens Type	Fisheye: 1.4 mm f-theta
F Number	F/1.2
Field of View	180°

OPERATION

Languages	English
Image Control	Exposure (Auto / Manual), White Balance (Auto / Manual)
Image Settings	Brightness, Sharpness, Contrast, Saturation
Pan / Tilt / Zoom	N/A
Audio	N/A
SD Card	N/A

EVENTS

Motion Detection	Single window
Alarms	N/A
Event Notification	N/A

NETWORK

Interface	RJ-45, 10/100 Mbps Ethernet
Protocols	ARP, ICMP, UDP, TCP, HTTP, TFTP, RTSP, ONVIF
Security	N/A
Accounts	User and Administrator
Web Browser	Internet Explorer (6.0+) / Chrome / Firefox / Safari

STREAMING

Video Format	Dual Streaming, H.264 + MJPEG	
Resolution / FPS	2352 x 1008	17
	(8.0 MP effective)	
Data Transmission	Data Rate MJPEG	14.1 Mbps @ 2352x1008
	Data Rate H.264	7.7 Mbps @ 2352x1008
	Frame Rate	17 fps @ 2352x1008

MECHANICAL

Gimbal	N/A	
IR Filter	Mechanical cut	
IR Illuminator	N/A	
Connectors	Alarm	N/A
	Power	DC Jack
	Analog Video	N/A
Dimensions	1.38 x 2.52 x 3.27 in (35 x 64 x 83 mm)	
Weight	0.33 lbs (150 g)	

ELECTRICAL

Consumption	4.0 watts maximum
Source	DC 12-16V / PoE 802.3af

ENVIRONMENTAL

Operating Temperature	-20° to 50° C (-4° to 122° F)
Humidity	~ 0% - 90% Non-condensing
Weather Rating	N/A
Impact Rating	N/A

REGULATORY

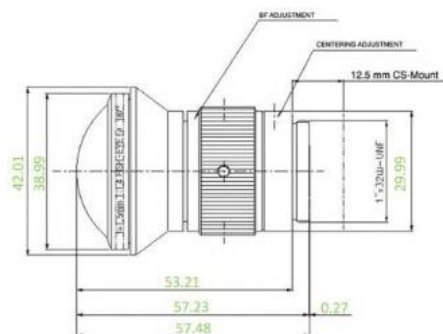
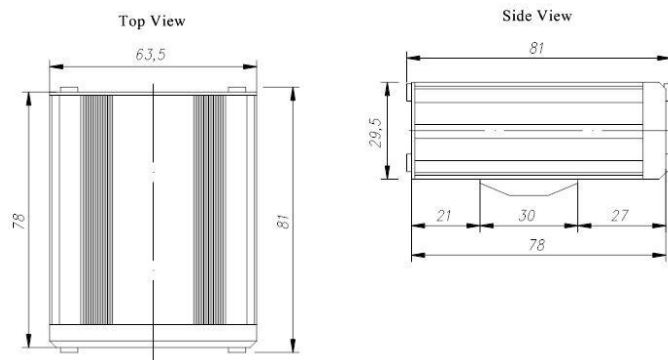
Certifications	FCC
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ACCESSORIES

Wall Mount	FS-DM-180EX
Corner Mount	FS-DM-CORNER (Use with 180EX)
Pole Mount	FS-DM-POLE (Use with 180EX)

WARRANTY

Minimum 3 Year Parts and Labor



Sentry 360 Security, Inc. reserves the right to change products or specifications without notice.