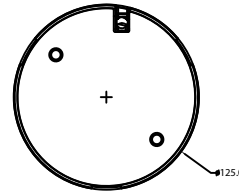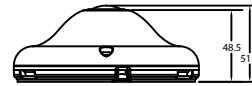# ◢ISD Vandal Flatdome 360° YDV-FSH-3MP

Dimensions (unit : mm)

48.5
51.5

125.0

Summary

The YDV-FSH-3MP is a standalone edge network camera that provides 360º views with 3.1 megapixel CMOS sensor capable of delivering 30 frames per second. Installation is made simple by allowing the installer to rotate the sensor both mechanicallay and electronically which significantly reduces setup. This camera's class leading dual core processing power enables third party applications to efficiently reside on the camera such as redundant edge storage. The YDV-FSH-3MP can deliver high resolution video while concurrently running applications like Spectrum Edge, Prism Skylabs and a growing list of other VMS and analytic packages. The 1.19mm, 360º, F2.0 lens is specifically engineered to compliment the sensor and provides hightly optimized HD quality imaging. The YDV-FSH-3MP's all aluminum indoor housing is also vandal resistant and has optional wall mounting accessories.

Features

- Advanced Dual Core Analytics Video Processor
- Full HD IP Streaming
- 2.2μm pixels
- 3.1 Megapixels (30fps)
- Codecs (H.264, MJPEG) with 4 Simultaneous Streams
- 1/3" CMOS Sensor
- 1.19mm Fixed Lens
- 360º/180º Field of View
- True Day and Night, IR Corrected
- 802.3af Power over Ethernet [PoE] & 12VDC Auxiliary
- Advanced Edge Storage Platform: Micro SDXC Card Slot (Up to 256GB)
- Web Server Built-in
- 10/100 POE
- All aluminum indoor vandal housing
- Digital WDR (Wide Dynamic Range)
- Highly Flexible H.264 Bitrate Data Controls
- 96 Motion Detection Zones
- ONVIF Compliant Profile S

Advanced Edge Computing Software Platforms

- DW Spectrum Edge**
- Prism Skylabs Edge**
- Exacq Edge
- Milestone Arcus
- Advanced Analytic Packages Available**

  **2 Features are able to run concurrently.

Specifications

IMAGE	
Image Sensor	1/3" CMOS Sensor
Total Pixels	2304 (H) X 1536 (V), 2.2μm pixels
Minimum Scene Illumination	F1.4: 0.5 Lux [Color]
	F1.4: 0.001 Lux [B&W]
LENS	
Focal Length	1.19mm
Lens Type	Fixed Lens
Field of View	360º/180º
OPERATIONAL	
Shutter Mode	Auto, Manual
Digital Slow Shutter	Off, 2X, 3X, 4X
Shutter Speed	1/7.5, 1/15, 1/25, 1/30, 1/50, 1/60, 1/100, 1/120, 1/240, 1/480, 1/960, 1/1024, 1/8000, 1/16000, 1/32000
Back Light Compensation	Off, On
Day and Night	Auto, Day (Color), Night (B/W)
Saturation	0~255
Brightness	-255~255
Hue	-15~15
Contrast	0~128
Sharpness	0~255
Active Noise Filter	Low, Medium, High, OFF
Motion Detection: Sensitivity	0-100%
NETWORK	
LAN	802.3 Compliance 10/100 LAN
Video Compression Type	H.264, MJPEG
Resolution	2304X1536
Frame Rate	3MP30
Streaming Capability	4 Simultaneous Stream at Different Rates and Resolutions
IP	IPv4, IPv6
Data Transmission	TCP/UDP, DHCP, NFS/SAMBA,
	RTSP/HTTP/HTTPS/FTP
Maximum User Access	2 Users
ONVIF Conformance	Yes
Web Viewer	OS: Windows XP / Vista / 7, MAC OS
	Browser: Internet Explorer, Chrome, Firefox, Safari
Video Management Software	Spectrum, ONSSI, Milestone, Exacq, Genetec
Memory Slot	Micro SDXC Card Slot (Up to 256GB)
	Card Not Included*
ENVIRONMENTAL	
Operating Temperature/ Humidity	-20°C ~ 50°C (32°F ~ 122°F)
Operating Humidity	Less than 90% (Non-Condensing)
Storage Temperature	-40°C ~ 60°C (-4°F ~ 140°F)
Other Certifications	CE, FCC, RoHS
ELECTRICAL	
Power Requirement	PoE (IEEE802.3af), 12VDC Auxiliary Power
Power Consumption	<4W
MECHANICAL	
Material	Aluminum Die Casting
Dimensions	(Ø x H) 125 x 74.3 mm (4.92 x 2.92 in)
Weight	1.54 lbs (700 g)

*Specification is subject to change without prior notice.