VISIX™ 3MP Full Body IP Camera

This full body three (3) megapixel IP camera is the perfect combination of form and function providing dual-streaming high-definition video for network video surveillance applications requiring superior clarity and detail in varying lighting conditions.

The VX-3M-F-AWD is packed with all the features you might need for nearly any application including: two-way audio; alarm input/output; motion detection; low-light day/night functionality; SD card slot for local recording; and compatibility with a wide variety of standardized network protocols. In addition, with full support for both variable bit rate and variable frame rate, the quality of each stream can be matched to available bandwidth for the most effective video quality possible.

This camera is designed to continue functioning at top performance at temperatures as low as -30°C (-22°F) and as high as 60°C (140°F) allowing a wide range of applications. Superior compatibility with all VIGIL™ products allowing the best performance and capabilities possible.

Day/Night operation enables use in varying lighting conditions down to 0.1 Lux in color capture (0.01 Lux B/W) providing better night time video capture. The standard full body format is compatible with most mounting hardware and enclosures allowing easy and secure installation in a wide variety of applications.

When coupled with the VIGIL™ Series of digital video recorders and Video Management System (VMS) software, superior point-to-point hardware compression and decompression allows for maximum performance of streamed live video providing better video quality, more concurrent streams and a lower overall hit to CPU performance.

Key Features and Benefits	
Lens	Not Supplied C/CS Mount
Resolution (Megapixels)	**3**
2048 x 1536 Resolution	✓
Smart Facial & Motion Detection	✓
Dual Streams	✓
H.264, MPEG4, MJPEG	✓
Wide Dynamic Range	✓
20 fps (2048 x 1536) 30 fps (1920 x 1080)	✓
Defog	✓

CAMERA

Image Sensor:	1/3 inch Progressive Scan CMOS
Lens Mount:	C/CS (lens purchased separately)
Min. Illumination:	Color: 0.1 lux @F1.2, Auto Gain Control on
	B/W: 0.01 lux @F1.2, Auto Gain Control on
Auto Iris:	DC drive (Optional)
Day/Night:	IR Cut Filter with Electronic Auto switch
Shutter Times:	1 second to 1/100,000 seconds
Wide Dynamic Range:	Yes, 120dB

COMPRESSION STANDARD

Video Compression:	H.264/MPEG4/MJPEG
Video Bit Rate:	32 Kbps - 16 Mbps
Dual Streams:	Yes

IMAGE

Max. Image Resolution:	2048(H) x 1536(V)
Frame Rate:	20 fps (2048x1536)
	30 fps (1920x1080)
	30 fps (1280x720)

FUNCTIONS

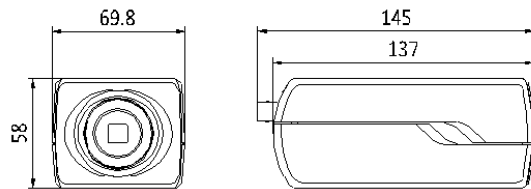|	
Alarm Triggers:	Motion detection, Tampering alarm, Intrusion detection, Face detection, Network disconnect, IP address conflict, Storage exception
Local Storage:	Built-in SD, SDHC, SDXC slot up to 64GB
Security:	User Authentication, Watermark, IP address filtering, Anonymous access
Protocols:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, I GMP, 802.1X, QoS, IPv6, Bonjour
System Compatibility:	ONVIF, PSIA, CGI

PHYSICAL

Working Temperature:	-30°C - 60°C (-22°F - 140°F); Humidity 95% max (non-condensing)
Dimensions (inches):	2.68" x 2.56" x 5.7"
Dimensions (mm):	69.8 x 58 x 145
Weight:	1.83 lbs. / 830 g

INTERFACE

Communication:	1 RJ45 10M/100M Ethernet port, 1 RS-485 interface, 1 RS-232 interface
Alarm Input:	1
Alarm Output:	1
Video Output:	1Vp-p composite output (75 Ω/BNC)
Audio Input:	1-ch 3.5 mm audio interface, Mic in/Line in. 1 built-in Microphone
Audio Output:	1-ch 3.5 mm audio interface

ELECTRICAL

Power Supply:	24 VAC ±10% 12V DC ±10%; PoE (802.3af)
Power Consumption:	6.5W, 9.5W with IR Cut Filter on

WARRANTY

Three (3) Year Return to Depot Parts and Labor Warranty

CERTIFICATIONS

CE, FCC

PART NUMBER

VX-3M-F-AWD:	VISIX 3 Megapixel Full Body Wide Dynamic Camera

RECOMMENDED MOUNTS

Uses any standard CCTV camera bracket