

Hazardous Area HD Video Camera

AMZ-HD41-3

- 3 Megapixel IP Video
- 4x Motorized Zoom
- Integrated IR illuminators
- H.264, MJPEG
- Certified for use in hazardous areas
- Class I, Division I and ATEX Zone I, Division I



Compact, weatherproof video camera for harsh environments

The AMZ-HD41-3 is a high quality, high-definition, color video camera. This compact camera provides 4x motor-driven optical zoom and delivers 3 Megapixel HD video, up to 30 frames per second. The zoom functions can be controlled automatically and precisely from anywhere using the features of IVC's camera management software. In addition, the camera has a wide dynamic range to increase sensitivity and improve images in varying lighting conditions.

The camera is housed in a heavy-duty, cast-aluminum, weatherproof enclosure suitable for hostile environments and is certified for use in hazardous areas. A 316L stainless steel enclosure option is also available.

The camera is ready for mounting, requiring only power and an IP connection. Wall mount arm is provided. Other mounting options are available.

► specifications

Imager	Sony 1/2.8" 3.23 Megapixel Progressive Scan CMOS
Resolution	2048(H) x 1536(V) approx. 3.15M pixels
Shutter	1 to 1/10,000 Seconds
Minimum Illumination	Color: 0.15 lx at 50IRE/30fps B/W: 0.09 lx at 50IRE/30fps
WDR	Digital WDR (ATR-EX)
Image Features	Auto Exposure, Auto White Balance, Auto and Manual Iris, Back Light Compensation
Focus	Auto
Zoom Ratio	Motorized 4.2x
View Angle	H103° x V74.4° ~ H30.8° x V23.3°
Focal Length	2.8-12mm
F-number	1.4 ± 5%
Network	10/100 BASE-T (RJ-45)
Frame Rate	30 FPS
Compression	H.264, MJPEG
Protocols	TCP/IP, HTTP, FTP, SMTP
Weight	8.1 lbs. (Aluminum Enclosure) 10.2 lbs. (Stainless Steel Enclosure)
Voltage Required	(See ordering information)
Power Consumption	1.2A @ 12 VDC 0.3A @ 48 VDC (PoE)
Operating Temperature	-10° to 60° C (PoE version)
Dimensions	5.50" H x 5.50" W x 7.75" D (Aluminum) 5.50" H x 5.50" W x 8" D (Stainless Steel)
Mount	Wall Mount Standard
Protection Class	NEMA Type 4x, IP66
Regulatory Approvals	
Safety	Conforms to UL STD 61010-1 + UL1203 Certified to CSA STD CSA22.2 NO.30 + CAN/CSA C22.2 No. 25 EN 60079-0:2012+A11:2013, EN 60079-1:2014 and EN 60079-31:2014 ATEX 2014/34/EU.
Hazardous Area	Class I, Division 1, Groups B-D Class II, Division 1, Groups E-G II 2 GD Ex db IIC T6 Gb II 2 GD Ex tb IIIC T80°C Db IP66 -20°C ≤ Ta ≤ 60°C

► features



3 Megapixel High-definition broadcast quality images for detailed post-event analysis



30 frames per second for smooth video



Certified for use in hazardous areas

► accessories

MB-100	Pole Mount Kit
MB-105	Corner Mount Bracket
CT-4613	3/4" NPT C1D1 cable gland
CT-4611	3/4" NPT for Conduit

► ordering information

AMZ-HD41-3

-E	Enclosure
	Aluminum
	S Stainless Steel
-V	Voltage Required
	12 12 VDC
	PoE IEEE 802.3af compliant PoE

IVC camera management software

Point & click camera management & control Robust, enterprise class software to manage and control your cameras and video from anywhere in the world.



MADE IN THE USA

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