Rugged HD Color Video Camera
AMZ-HD41-2

- 1080p IP video
- 3x motorized zoom
- Integrated IR illuminators
- 12 VDC; 24 VAC; 24 VDC; PoE
- H.264, MJPEG
- Wide dynamic range
- Certified for use in hazardous areas

Compact, weatherproof video camera for harsh environments

The AMZ-HD41-2 is a high quality, high-definition, color video camera. This compact camera provides 3x motor-driven optical zoom and delivers 1080p 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	1/2.8" Progressive Scan CMOS
Resolution	1920 x 1080
Shutter	1 to 1/10,000 Seconds
Minimum Illumination	0 lux to 25m with illuminators
WDR	On/Off/Auto
Image Features	Auto Exposure, Auto White Balance, Auto and Manual Iris, Back Light Compensation
Focus	Auto
Zoom Ratio	3x Optical Zoom
View Angle	33.2° - 83.7°
Focal Length	3 – 9 mm
F-number	1.2 - 2.1
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 0.6A @ 24 VDC 0.3A @ 48 VDC (PoE) 0.6A @ 24 VAC
Operating Temperature	-29° to 60° C -10° to 60° C (PoE version)
Storage Temperature	-35° to 65° C
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, EN 60079-1:2007, EN 60079-31:2009. ATEX 94/9/EC.
Hazardous Area	Class I Groups B, C & D, Class II Groups E, F & G, Class III Type 4x Class I Zone 1 AEx d IIC Ex d IIC IEC 60529, T6

▶ features

1080p high-definition broadcast quality images for detailed post-event analysis
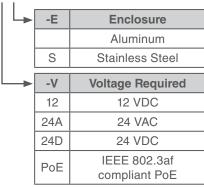
30 frames per second for smooth video

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

▶ ordering information

AMZ-HD41-2-V-E

-E	Enclosure
	Aluminum
S	Stainless Steel

-V	Voltage Required
12	12 VDC
24A	24 VAC
24D	24 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.

ISO 9001 Certified

ExLoc INSTRUMENTS