ATLONA
a PANDUIT company

Introduction

The Atlona AT-HDVS-CAM-HDMI is an enterprise-grade PTZ camera designed for use in video conferencing and other applications such as lecture capture and distance education. It features HDMI output, as well as a USB 2.0 interface for video and camera control. Simultaneous video output is available through two interfaces. Through USB, the HDVS-CAM-HDMI seamlessly integrates with the Omega™ Series for a complete, automated conferencing system that includes AV and USB extension. The HDMI output is ideal for use with a video conferencing codec, lecture capture appliance, or PC equipped for video capture. The HDVS-CAM-HDMI delivers high performance, professional-quality imaging with video resolutions up to 1080p @ 60 Hz over HDMI and 1080p @ 30 Hz for USB 2.0, as well as fast and accurate auto-focusing, and a fast yet quiet pan and tilt mechanism. This PTZ camera is ideal for a wide range of small to medium-sized meeting spaces, classrooms, training rooms, and many other environments. The HDVS-CAM-HDMI is available in black or white.

Applications

• **Meeting spaces and conference rooms**
  The HDVS-CAM-HDMI works together with the USB extension capability of the Omega Series devices to enable simple, clean connectivity from the front wall to the meeting table. At the same time, the HDMI output can be used for monitoring on a secondary display.

• **Classrooms and other instructional spaces**
  The HDVS-CAM-HDMI is ideal for distance learning and collaboration, as well as recording lectures. The HDMI and USB interfaces can be used simultaneously for conferencing and lecture capture applications.

• **Legacy video conferencing systems**
  This camera can provide an effective upgrade to existing codecs, by delivering high quality imaging performance over HDMI. The HDVS-CAM-HDMI also brings software video conferencing capability via USB.

Key Features

- Designed for video conferencing and other applications such as lecture capture and distance education
- HDMI output
- USB 2.0 interface for video and camera control
- Simultaneous video output over HDMI and USB
- Universal PC compatibility through standard UVC (USB Video Class) driver
- PTZ camera control available from popular soft codec and UC clients such as Microsoft® Teams, Zoom™, Blue-Jeans™, Slack™, WebEx®, and GoToMeeting®
- Up to 255 camera presets available, 10 accessible from IR remote
- Supports VISCA, Pelco-D, and Pelco-P camera control protocols
- Fast and accurate auto focus, plus auto white balance and auto exposure modes
- Fast and quiet pan and tilt mechanism
- Picture controls available for brightness, color, saturation, contrast, sharpness, and gamma
- Easy, GUI-based configuration using integrated web server
- TCP/IP, RS-232, USB, and IR control – convenient handheld IR remote control included
- Delivers HD video resolutions including 1080p @ 60 Hz (176x144 up to 1080p @ 30 Hz over USB 2.0)
- High performance imaging, fine detail, and color rendering with 1/2.8" low-noise, HD CMOS sensor
- Multi-element zoom lens with 10x optical zoom and a 60.9° horizontal field of view
- Camera can be mounted on a wall, or inverted for ceiling installation with the **optional** AT-HDVS-CAM-CMNT ceiling mount kit
- Includes installation guide, wall mounting bracket, IR remote control, 2 meter (6.5 foot) USB Type-A male to male cable, VISCA to RS-232 DB-9 adapter, lens cap, and external universal power supply
- Available in black or white
- Three-year limited product warranty

Specifications

Video		
HDMI Resolutions	1080p@60/59.97/50/30/29.97/25Hz 1080i@60/59.94/50Hz	780p@60/59.94/50/30/29.97/25Hz
USB formats (all resolutions are @30/25/20/15/10/5Hz)	1080p 720p 1024x768 1024x576 960x540 800x600 640x360	720x576 640x480 352x288 320x240 320x180 176x144
Sensor	1/2.8" HD CMOS	
Optical Zoom	10X, f = 4.7 ~ 47 mm	
Viewing Angle	6.43° (telephoto), 60.9° (wide-angle)	
Effective Pixels	2.07 MP	
Focus Settings	Auto / Manual	
AV	F1.6 - F3.0	
Minimum Illumination	0.5 lm, F1.8 with Automatic Gain Contol ON	
Signal-to-Noise Ratio (SNR)	> 55 dB	
Control Protocol	VISCA/Pelco-D/Pelco-P	
Pan Rotation	±170°	
Tilt Rotation	-30° ~ ±90°	
Pan Control Speed	0.1 - 180° / sec	
Tilt Control Speed	0.1 - 80° / sec	

Temperature	Fahrenheit	Celsius
Operating	14 to 122	-10 to 50
Storage	-14 to 140	-10 to 60
Operating Humidity (RH)	20% to 80%, non-condensing	
Storage Humidity (RH)	20% to 95%, non-condensing	

Power	
Consumption	12 W
Supply	Input: 110 - 220 V AC, 50/60 Hz Output: 12 V DC, 1 A

Dimensions	Inches	Millimeters
H x W x D	6.59 x 5.90 x 5.90	167.5 x 150 x 150

Weight	Pounds	Kilograms
Device	3.08	1.4

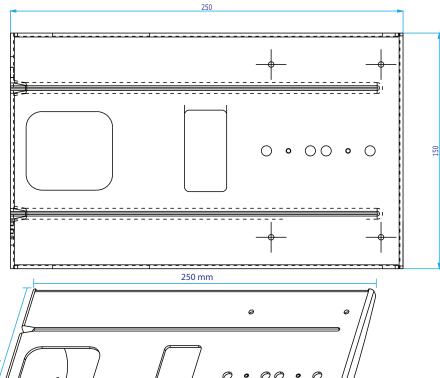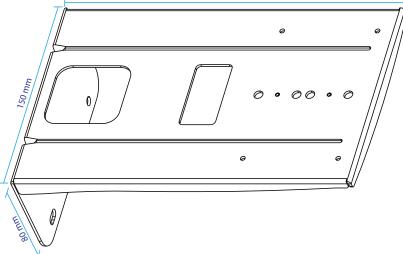| Certification	
Device	CE, FCC

Package Contents

1 x AT-HDVS-CAM-HDMI	1 x USB A cable
1 x Wall mounting plate	1 x VISCA to RS-232 DB-9 adapter
1 x 1/4 20OUNC screws	2 x AAA battery
1 x IR Remote Control	1 x Installation Guide

Accessories *Sold Separately*

SKU	Title
AT-HDVS-CAM-CMNT	Ceiling Mount Kit for AT-HDVS-CAM
AT-LC-H2H-1M	LinkConnect 1 Meter HDMI to HDMI Cable
AT-LC-H2H-2M	LinkConnect 2 Meter HDMI to HDMI Cable
AT-LC-H2H-3M	LinkConnect 3 Meter HDMI to HDMI Cable