

VC10-HD | 1080p FHD 10x PTZ Video Conferencing Camera



Key features

- Premium PTZ Camera Design Private Tooling & Patent Design.
- 1080p@30fps 1/2.8" CMOS, 2.1M pixel quality sensor output 30fps.
- HD optic lens, 10X ptical zoom, HOV 84.0/62.0 degrees Wide view angle, F1.7-F3.0.
- Video output format USB 2.0 B type.
- PTZ Control protocol PELCO-D, VISCA, UVC 1.5.

Product Overview

The Macsys VC10-HD Video Conference Camera is a high-performance camera designed for professional video conferencing, offering sharp, detailed video with its 2.1 MP CMOS sensor. It features a 10X optical zoom (4.7-47mm) and a 62° wide field of view, ensuring clear visuals even in larger conference rooms. The camera's fast iris (F1.6-F2.5) and automatic focus and white balance deliver optimal image quality in a variety of lighting conditions. With a pan range of -165° to +165° and a tilt range of -30° to +30°, the VC10-HD allows for smooth and precise camera movements, with adjustable speed control for enhanced flexibility. The camera also offers customizable image styles such as Normal, Clear, Bright, and Beauty, all of which can be fine-tuned for improved video clarity.

Connectivity options include USB 2.0, RS-232, and RS-485 ports, allowing for easy integration with video conferencing systems and remote control setups. The camera supports multiple video resolutions up to 1080p (H.264/MJPEG) and up to 30fps for smooth, high-quality video. Designed to perform in a wide range of environments, it operates in temperatures from 0° to 50°C and can handle humidity levels from 0% to 95%. Compact, versatile, and highly functional, the Macsys VC10-HD is an ideal solution for boardrooms, classrooms, and other professional settings, providing excellent video quality and seamless system integration.

Technical Specification

Features	Detail
Image sensor Parameters	
Sensor	1/2.8° CMOS, 2.1 megapixel
Zoom	10X
Focus	f=4.7-47mm
Iris	F1.6-F2.5
HOV	62°
Focusing	Auto
White Balance	Auto, Manual
Backlight Compensation	Support
Image Flip	Image reverse, Mirror flip
Image Style	Normal, Clear, Bright, Beauty
Video adjustable	Brightness, Contrast, Hue, Saturation, Clarity, white balance, Back light
OSD Menu	Chinese, English
PTZ Parameters	
Horizontal Movement	-165°- +165°
Tilt Movement	-30°- +30°
Horizontal movement speed	1°- 40.3°/S
Tilt movement speed	0.8.- 26.6°/S
Speed Match	Support
Command Protocol	VISCA, PELCO-D
Preset Position	64 (including special preset position)
Baud Rate	38400bps, 9600bps, 4800bps, 2400bps
Input/output Connectors	
DC IN	DC IN 12V
Control Interface	1xRS-232 IN / 1xRS-485
USB 2.0 B type	1 XUSB2.0 B type, support UVC, H.264/MJPEG: 1920x1080, 1600x896, 1280x720, 1024x768, 1024x576, 960x540, 848x480, 800x600, 800x448, 720x576, 640x480, 640x360, 480x272, 325x288, 320x240, YUY2: 848x480, 800x600, 800x448, 720x576, 640x480, 640x360, 480x272, 352x288, 320x240 H.264/MJPEG: support 30fps, YUY2: 848x480,800x600,800x448 support 25 fps , other resolution support 30 fps

Technical Specification

Featues	Detail
General Info	
Working Environment	Working temperature 0° - 50°, working humidity 0% - 95%
Dimension(LxWxH)	180mm x 112mm x 129mm
Weight	520g
Color	Black, Silver



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