

HDMI/USB Camera

79068-HDMI/USB Data Sheet

TEKVOX's 79068-HDMI/USB cameras are high-definition HDMI 1080p@60Hz PTZ cameras with 5x or 20x optical zoom lenses. With a 16:9 aspect ratio, 2.1 Megapixel CCD, and 255 programmable presets, these cameras make an excellent choice for any class or conference room. Thanks to its wide field of view, the 79068-HDMI/USB-5 is ideal for capturing footage of an entire room or area, while the 79068-HDMI/USB-20 excels at capturing flawless video of distant subjects. Both cameras are compatible with Sony VISCA TCP/IP protocols, can stream to multiple points simultaneously using IP control, and offer some of the smoothest PTZ movement available on the market.

Features:

- 5x or 20x optical zoom & 10x digital zoom
- Simultaneous HDMI, USB 2.0, and USB 3.0 video outputs
- Advanced image correction, noise reduction, and backlight compensation
- 255 programmable presets for customized operation
- Controllable via RS-232/RS-485 commands, IR remote, or TCP/IP protocols
- Shipped fully functional, pre-programmed, and rigorously tested



HDMI/USB Camera

79068-HDMI/USB Technical Specifications

	79068-HDMI/USB-5	79068-HDMI/USB-20
Sensor	1/2.8 inch high-quality CMOS	
Effective Pixels	16:9, 2.07 megapixel	
Video Output Ports	1 HDMI (19-pin, Female) 1 USB (Type-A, Female, USB 2.0) 1 USB (Type-A, Female, USB 3.0)	
Audio Input Ports	1 Double-track Audio In (3.5mm mini jack)	
Video Output Resolution	HDMI: Up to 1080P @ 60Hz USB 3.0: Up to 1920X1080P @ 60Hz USB 3.0 (Compatible with USB 2.0): Up to 960X540P @ 30Hz USB 2.0: Up to 1920X1080P @ 30Hz	
Optical Zoom	5x (f = 3.6 ~ 18mm)	20x (f = 5.5 ~ 110mm)
View Angle	16.43° (tele); 80.9° (wide)	3.3° (tele); 54.7° (wide)
Aperture Value (AV)	F1.6 ~ F3.0	F1.6 ~ F3.5
Digital Zoom	10x	
Video Adjustment	Brightness, Contrast, Sharpness, Horizontal/Vertical Flip, Black-and-White Mode, Gamma Curve, Electronic Zoom, Digital Cinema Initiative (DCI), Ultra-Low Light Mode	
Signal-to-Noise Ratio (SNR)	> 55dB	
Pan Rotation	± 170°	
Tilt Rotation	-30 ~ 90°	
Control Speed	Pan: 0.1 ~ 180°/second; Tilt: 0.1 ~ 80°/second	
Preset Speed	Pan: 60°/second; Tilt: 30°/second	
Presets	255 programmable (10 presets via remote control)	
Control Interface	1 RS232 / RS485 (8-Pin Mini-DIN, Female) 1 TCP/IP (RJ45, Female)	
Control Protocols	VISCA / Pelco-P / Pelco-D	
Video Compression Format	H.264, H.265	
Audio Compression Format	AAC / MP3 / PMC	
Power Supply	Input: 110 ~ 220V AC Output: DC 12V, 2A	
Power Consumption	12W (max)	
Working Temperature	14 ~ 122°F (-10 ~ 50°C)	
Working Humidity	20 ~ 80%	
Product Dimensions	5.9" (150mm) x 5.9" (150mm) x 6.6" (168mm)	
Product Weight	3.08 lbs. (1.4kg)	

Specifications are subject to change without notice