

HDBaseT Camera

79068-HDBT Data Sheet

TEKVOX's 79068-HDBT cameras are high-definition HDBaseT 1080p@60Hz PTZ cameras with anywhere from 5x to 30x 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-HDBT-5 is ideal for capturing footage of an entire room or area, while the 79068-HDBT-30 excels at capturing flawless close-up video of very distant subjects. All 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, 12x, 20x, or 30x optical zoom & 10x digital zoom
- HDBaseT video output with maximum transmission distance up to 328 feet (100m)
- 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



HDBaseT Camera

79068-HDBT Technical Specifications

	79068-HDBT-5	79068-HDBT-12	79068-HDBT-20	79068-HDBT-30
Sensor	1/2.8 inch high-quality CMOS			
Effective Pixels	16:9, 2.07 megapixel			
Video Output Ports	1 HDBaseT (RJ45, Female)			
Audio Input Ports	1 Double-track Audio In (3.5mm mini jack)			
Video Output Resolution	1080P @ 60/50/30/25/59.94/29.97Hz; 1080I @ 60/50/59.94Hz; 720P @ 60/50/30/25/59.94/29.97/Hz			
Optical Zoom	5x (f = 3.6 ~ 18mm)	12x (f = 3.9 ~ 46.1mm)	20x (f = 5.5 ~ 110mm)	30x (f = 4.3 ~ 129mm)
View Angle	16.43° (tele); 80.9° (wide)	6.6° (tele); 70.4° (wide)	3.3° (tele); 54.7° (wide)	2.34° (tele); 65.1° (wide)
Aperture Value (AV)	F1.6 ~ F3.0	F1.8 ~ F2.4	F1.6 ~ F3.5	F1.6 ~ F4.7
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			
Minimum Illumination	0.5 Lux (F1.8, AGC On)			
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			
Network Protocols	RTSP / RTMP, ONVIF			
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