

HDBT Cam, 12x

79068-HDBT-12 Data Sheet

TEKVOX's 79068-HDBT-12 camera is a high-definition single-cable HDBase-T 1080p@60Hz PTZ camera with a 12x optical zoom lens. With a 16:9 aspect ratio, 2.1 Megapixel CCD, and 120 programmable presets, this camera makes an excellent choice for any classroom or conference room. The 79068-HDBT-12 offers an excellent mid-range combination of zoom and field-of-vision, making it ideal for capturing a full room one minute, and a close individual shot the next. It is compatible with Sony VISCA TCP/IP protocols, and can multi-stream to multiple points simultaneously using IP control. Finally, the camera is PoH-compatible, enabling single-cable installation carrying video, audio, power, and RS-232 control.

Features:

- Single-cable installation for video, audio, power, and serial control
- Transmits via HDBase-T up to 330 feet (100m)
- 12x optical zoom & 10x digital zoom
- Supports Sony VISCA TCP/IP protocols for control & IP streaming
- Controllable via RS-232 commands (via HDBase-T connection), IR remote, or TCP/IP
- Shipped fully functional, pre-programmed, and rigorously tested



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79068-HDBT-12 Technical Specifications

Inputs	1 Stereo Audio, Unbalanced (3.5mm mini jack)	
Outputs	1 HDBase-T (RJ45, Female)	
Control Ports	1 RS-232 (Mini-DIN, Female) 1 100MB LAN (RJ45, Female)	
Image Sensor	Charge-coupled Device (CCD)	1/2.8 Progressive CMOS, 2.07 Megapixel
	Minimum Scene Illumination	0.5 Lux at F1.6
	White Balance	Auto/Manual
	Gain Control	Auto/Manual
	Backlight Compensation (BLC)	On/Off
	Electronic Shutter	1/1 ~ 1/10,000S
	Signal-to-Noise Ratio (SNR)	>55dB
Lens	Focus	F1.8 ~ F2.4mm
	Iris	Auto/Manual
	Zoom	F3.9 ~ 46.1mm (12x Optical, 10x Digital)
	Horizontal View Angle	6.3°(tele) ~ 72.5°(wide)
Video Format	1080p @ 60/59.94/50/30/25Hz 1080i @ 60/59.94/50Hz 720p @ 60/59.94/50/30/25/29.97Hz	
Protocols	VISCA, VISCA IP (Port 1259) & ONVIF	
Baud Rate	2400, 4800, 9600 (default), 115200 bps	
Video Compression	H.264, H.265 – Dual Stream	
Network Protocols	RTSP, RTMP, ONVIF, GB/T28181	
Audio Compression	AAC/MP3	
Presets	120 possible	
OSD Menu	Supported	
Auto Reverse	P/N/OFF (Supports Auto Reverse)	
Pan Speed	1 ~ 60°/second	
Tilt Speed	1 ~ 60°/second	
Pan Rotation Angle	0 ~ 355°	
Tilt Rotation Angle	Up: 90° Down: 45°	
Auto Pan Scan	Supported	
Boundary Scan	0 ~ 355° (Programmable)	
Remote Control	IR control P/T/Z	
Power Supply	Can be powered via PoH (HDBase-T Connection) Input: 100 ~ 240V AC Output: DC 12V, 1.5A	
Temperature	32 ~ 140°F (0 ~ 60°C)	
Humidity	0 ~ 95%	
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