

# HDBT Cam, 5x

## 79068-HDBT-5 Data Sheet

TEKVOX's 79068-HDBT-5 camera is a high-definition single-cable HDBase-T 1080p@60Hz PTZ camera with a 5x optical zoom lens. With a 16:9 aspect ratio, 2.1 Megapixel CCD, and 120 programmable presets, this camera makes an excellent choice for classrooms & small conference rooms. The 79068-HDBT-5 has the highest field-of-view offered by TEKVOX, making it ideal for capturing as much of a room as possible. 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)
- 5x 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-5 Technical Specifications

<b>Inputs</b>	1 Stereo Audio, Unbalanced (3.5mm mini jack)	
<b>Outputs</b>	1 HDBase-T (RJ45, Female)	
<b>Control Ports</b>	1 RS-232 (Mini-DIN, Female) 1 100MB LAN (RJ45, Female)	
<b>Image Sensor</b>	<b>Charge-coupled Device (CCD)</b>	1/2.8 Progressive CMOS, 2.07 Megapixel
	<b>Minimum Scene Illumination</b>	0.5 Lux at F1.6
	<b>White Balance</b>	Auto/Manual
	<b>Gain Control</b>	Auto/Manual
	<b>Backlight Compensation (BLC)</b>	On/Off
	<b>Electronic Shutter</b>	1/1 ~ 1/10,000S
	<b>Signal-to-Noise Ratio (SNR)</b>	>55dB
<b>Lens</b>	<b>Focus</b>	F1.6 ~ F3.0mm
	<b>Iris</b>	Auto/Manual
	<b>Zoom</b>	F3.6 ~ 18mm
	<b>Horizontal View Angle</b>	16.43°(tele) ~ 80.9°(wide)
<b>Video Format</b>	1080p @ 60/59.94/50/30/25Hz 1080i @ 60/59.94/50Hz 720p @ 60/59.94/50/30/25/29.97Hz	
<b>Protocols</b>	VISCA, VISCA IP (Port 1259) & ONVIF	
<b>Baud Rate</b>	2400, 4800, 9600 (default), 115200 bps	
<b>Video Compression</b>	H.264, H.265 – Dual Stream	
<b>Network Protocols</b>	RTSP, RTMP, ONVIF, GB/T28181	
<b>Audio Compression</b>	AAC/MP3	
<b>Presets</b>	120 possible	
<b>OSD Menu</b>	Supported	
<b>Auto Reverse</b>	P/N/OFF (Supports Auto Reverse)	
<b>Pan Speed</b>	1 ~ 60°/second	
<b>Tilt Speed</b>	1 ~ 60°/second	
<b>Pan Rotation Angle</b>	0 ~ 355°	
<b>Tilt Rotation Angle</b>	Up: 90° Down: 45°	
<b>Auto Pan Scan</b>	Supported	
<b>Boundary Scan</b>	0 ~ 355° (Programmable)	
<b>Remote Control</b>	IR control P/T/Z	
<b>Power Supply</b>	Can be powered via PoH (HDBase-T Connection) Input: 100 ~ 240V AC Output: DC 12V, 1.5A	
<b>Temperature</b>	32 ~ 140°F (0 ~ 60°C)	
<b>Humidity</b>	0 ~ 95%	
<b>Product Dimensions</b>	5.9" (150mm) x 5.9" (150mm) x 6.6" (168mm)	
<b>Product Weight</b>	3.08 lbs. (1.4kg)	

Specifications are subject to change without notice