

HDBaseT 3.0 Extenders

Professional A/V & KVM



4K 60Hz HDMI Extender with
Dual KVM Console, Local Out,
Video Return, Audio, RS-232,
USB 2.0 Extension, Non-PoH

KEX-HBT3-SH90



4K 60Hz HDMI / DP Extenders
with Dual KVM Console, Local Out,
Video Return, Audio, RS-232,
USB 2.0 Extension, PoH

KEX-HBT3-SH90P

KEX-HBT3-SD90P



4K 60Hz HDMI Extender
with Dual KVM Console, Local Out,
Video Return, Audio, RS-232,
USB 2.0 Extension, Non-PoH,
5K Support

KEX-HBT3-SH5K90



Dual 4K 60Hz HDMI Extender
with Video Return, Audio, RS-232,
USB 2.0 Extension, Non-PoH

KEX-HBT3-DH90

KEX-HBT3 Series with various Models supporting the following:

- ☆ HDBaseT 3.0 uncompressed 4K60 Extension
- ☆ Resolutions up to 4K60 (4:4:4), 5K, 2048x2048 (ATC), 12MP (Medical)
- ☆ Bi-Directional Video Extension (720P Video Return)
- ☆ Bi-Directional Audio Extension
- ☆ Serial RS-232 Extension
- ☆ USB 2.0 Extension
- ☆ Dual KVM Console: Dual-User Access
- ☆ Video Switch Splitter: Local Console / Video Return
- ☆ Audio Embedder and Audio Extractor
- ☆ HDCP 2.2 and 1.4 Compliance
- ☆ CEC Pass-Through
- ☆ Audio Return Channel Support
- ☆ PoH (Power over HDBaseT) from TX to RX

Product Family	TX/RX Video Interface(s)	Maximum Resolution	Local Console	Video Return	USB Ext.	Serial Ext.	IR Ext.**	Ethernet Ext.**	Distance*	PoH (TX to RX)
KEX-HBT3-SH90	HDMI	4096x2160@60Hz (4:4:4) 3840x2160@60Hz (4:4:4)	✓ HDMI	✓ HDMI	✓ USB 2.0	✓	–	–	70 ~ 100m	–
KEX-HBT3-SH90P	HDMI	4096x2160@60Hz (4:4:4) 3840x2160@60Hz (4:4:4)	✓ HDMI	✓ HDMI	✓ USB 2.0	✓	–	–	70 ~ 100m	✓
KEX-HBT3-SD90P	DisplayPort	4096x2160@60Hz (4:4:4) 3840x2160@60Hz (4:4:4)	✓ HDMI	✓ HDMI	✓ USB 2.0	✓	–	–	70 ~ 100m	✓
KEX-HBT3-SH5K90	HDMI	4096x2160@60Hz (4:4:4) 3840x2160@60Hz (4:4:4) 2048x2048@60Hz (4:4:4) 5120x2880@30Hz (4:4:4) 5120x2160@50Hz (4:4:4) 5120x1440@60Hz (4:4:4) 2560x2880@60Hz (Samsung Dual-Up) Medical Resolutions 3072x2048 / 3280x2048 / 4200x2800	✓ HDMI	✓ HDMI	✓ USB 2.0	✓	–	–	70 ~ 100m	–
KEX-HBT3-DH90	Dual HDMI	Dual 3840x2160@60Hz Dual 2560x1440@60Hz Dual 2048x2048 (ATC) Dual 1536x2048 (Medical) Dual 1640x2048 (Medical) Dual 2100x2800 (Medical)	–	✓ HDMI	✓ USB 2.0	✓	–	–	70 ~ 100m	–

* Extended distance depends largely on the quality of the cables. Certified HDBaseT 3.0 cabling is recommended.

** Requirements supporting IR and Ethernet extension will require build-on-demand models not listed in the table.