



## K2-BE50K

This HDMI extender can extend an HDMI and IR signals over single CAT5e/6/7 up to 164ft/50m distance to a compatible display. Features EDID management, which allows and encourages source and display “handshake” for seamless integration.



### Technical

HDMI Compliance	HDMI 1.4b
HDCP Compliance	HDCP 1.4
Video Bandwidth	4.95 Gbps
Video Resolutions	up to 1080P@60Hz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	10-bit, 12-bit
Audio Formats	PCM 2CH, LPCM 5.1, LPCM 7.1, Dolby Digital, DTS 5.1, Dolby Digital+
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)

### Connections

Inputs	<b>TX:</b> 1x HDMI Type A [19-pin female] <b>RX:</b> 1x RJ45 [HDMI & Propriety Data] 1x 3.5mm Stereo Mini-jack [Infrared Receiver]
Outputs	<b>TX:</b> 1x HDMI Type A [19-pin female] 1x RJ45 [HDMI & Propriety Data] 1x 3.5mm Stereo Mini-jack [Infrared Emitter] <b>RX:</b> 1x HDMI Type A [19-pin female]

### Mechanical

Housing	Metal Enclosure
Dimensions	TX/RX:60mm [W] x 60mm [D] x 15mm [H]
Net Weight	TX/RX: 300g
Power Supply	Input: AC100 - 240V 50/60Hz Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption (Max)	TX: 1.5W RX: 1W
Operation Temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)