

4KIP100-KVM

4K IP based KVM Extender



FEATURES

- IP based, 1 Gigabit network support 4K video
- Supports video resolution up to 4K@30Hz
- Supports HDCP 1.4
- Supports 7.1-channels audio
- Supports EDID limited copy
- Supports the distance up to 120m (395ft) with Cat 5e/6/6a/7 cable, with network switch, the distance will be extended unlimitedly
- Supports 3 USB 2.0 for full feature USB 2.0 applications
- Supports 4-Pin DIP switch for more sets works in a same network, up to 16 sets

SPECIFICATION

USB/KVM EXTENDER

Transmitter

Technical	
Input/Output	1 x HDMI IN (19-pin female HDMI Type-A) 1 x USB HOST (female USB Type-B) 1 x 4-Pin DIP Switch 1 x DC 12V connector with locking 1 x LAN (RJ45)
Input Signal Type	HDMI 1.4b
Input Resolution Supported	640x480 ⁸ , 800x600 ^{8,10} , 1024x768 ^{8,10} , 1280x720 ^{6,7,8,9,10} , 1280x768 ^{8,10} , 1280x800 ^{8,10} , 1280x960 ^{8,10} , 1280x1024 ^{8,10} , 1360x768 ⁸ , 1366x768 ⁸ , 1440x900 ^{8,10} , 1600x900 ⁸ , 1600x1200 ⁸ , 1680x1050 ^{8,10} , 1920x1080 ^{1,2,3,4,5,6,7,8,9,10} , 1920x1200 ⁸ , 3840x2160P ^{2,3,5} , 4096x2160P ^{2,3,5} 1 = at 23.98 Hz, 2 = at 24 Hz, 3 = at 25 Hz, 4 = at 29.97 Hz, 5 = at 30 Hz, 6 = at 50 Hz, 7 = at 59.94 Hz, 8 = at 60 Hz, 9 = at 100 Hz, 10 = at 120 Hz
Input Audio Format Supported	PCM 2.0 / 2.1 / 5.1 / 7.1, Dolby Digital 5.1 ch, Dolby Digital Plus, Dolby TrueHD, DTS 5.1 ch, DTS-HD High Resolution Audio, DTS-HD Master Audio
Maximum Data Rate	9 Gbps
Maximum Pixel Clock	300 MHz
Output Signal Type	Compressed IP streams
Transmission Distance	Cat 5e or above: 120m/395ft HDMI: 15m/49ft
General	
Operating Temperature	0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing
Storage Temperature	-20 to +70°C (-4 to +158 °F), 10% to 90%, non-condensing
ESD Protection	Human Body Model: ±8kV (air-gap discharge) / ±4kV (contact discharge)
Power Supply	DC 12V 1A
Power Consumption	<2.5 W
Unit Dimensions(W x H x D)	112mm x 17.8mm x 65.2mm / 4.41'' x 0.70'' x 2.57''
Unit Weight (without accessories)	0.18kg/0.40lb

Receiver

Technical	
Input/Output	1 x LAN (RJ45) 1 x HDMI OUT (19-pin female HDMI Type-A) 3 x USB DEVICE (female USB Type-A) 1 x 4-Pin DIP Switch 1 x DC 12V connector with locking
Input/Output Signal Type	Compressed IP streams
Output Resolution Supported	640x480 ⁸ , 800x600 ^{8,10} , 1024x768 ^{8,10} , 1280x720 ^{6,7,8,9,10} , 1280x768 ^{8,10} , 1280x800 ^{8,10} , 1280x960 ^{8,10} , 1280x1024 ^{8,10} , 1360x768 ⁸ , 1366x768 ⁸ , 1440x900 ^{8,10} , 1600x900 ⁸ , 1600x1200 ⁸ , 1680x1050 ^{8,10} , 1920x1080 ^{1,2,3,4,5,6,7,8,9,10} , 1920x1200 ⁸ , 3840x2160P ^{2,3,5} , 4096x2160P ^{2,3,5} 1 = at 23.98 Hz, 2 = at 24 Hz, 3 = at 25 Hz, 4 = at 29.97 Hz, 5 = at 30 Hz, 6 = at 50 Hz, 7 = at 59.94 Hz, 8 = at 60 Hz, 9 = at 100 Hz, 10 = at 120 Hz
Output Audio Format Supported	PCM 2.0 / 2.1 / 5.1 / 7.1, Dolby Digital 5.1 ch, Dolby Digital Plus, Dolby TrueHD, DTS 5.1 ch, DTS-HD High Resolution Audio, DTS-HD Master Audio
Maximum Data Rate	9 Gbps
Maximum Pixel Clock	300 MHz
Transmission Distance	Cat 5e or above: 120m/395ft HDMI: 15m/49ft
USB Consumption	Recommended no more than 0.5A per USB port
General	
Operating Temperature	0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing
Storage Temperature	-20 to +70°C (-4 to +158 °F), 10% to 90%, non-condensing
ESD Protection	Human Body Model: ±8kV (air-gap discharge) / ±4kV (contact discharge)
Power Supply	DC 12V 1A
Power Consumption	< 4W (without USB Consumption)
Unit Dimensions(W x H x D)	112mm x 17.8mm x 65.2mm / 4.41'' x 0.70'' x 2.57''
Unit Weight (without accessories)	0.18kg/0.40lb