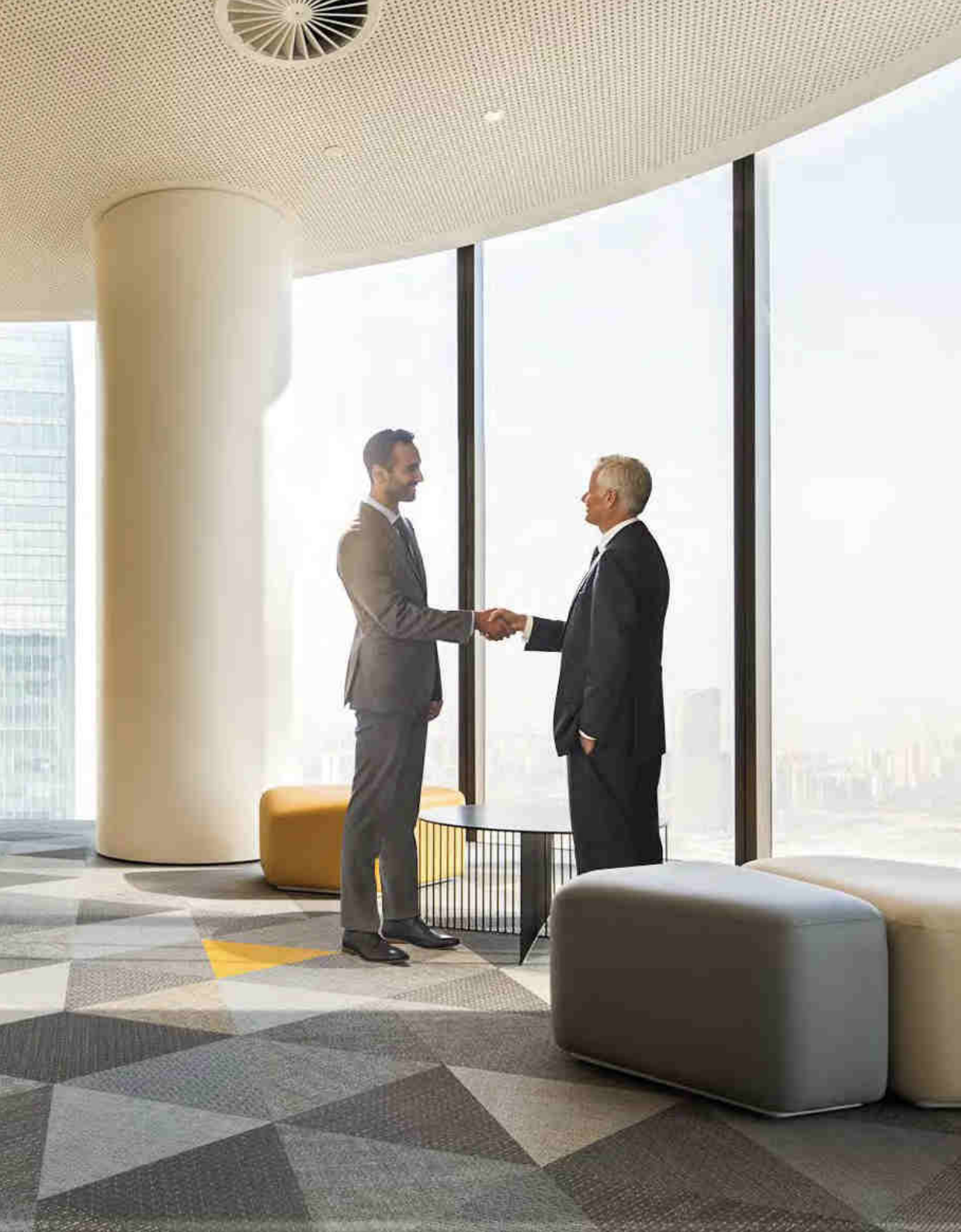


PRODUCT BROCHURE





COMPANY PROFILE

AV Access has long been dedicated to providing professional and reliable Pro AV products, including extenders, splitters, switchers and compact matrixes. We adhere to high reliability, user-friendliness and ongoing innovation as our product philosophy, and own strong R&D, supply chain and manufacturing capability, which contribute to the continuous development of excellent products, and guarantee that products are with consistently high-level quality and at competitive prices.

Up to now, AV Access has been evolved to a leading brand in the online market of Pro AV industry. At the same time, we also provide localized product sales and technical support services to customers in Europe, North America, Asia Pacific regions, etc.

HDMI Extenders: Comparison Chart of Key Products

	4KEX70-L	4KEX70-H2	4KEX70-ARC-H2	4KEX100-H2	4KEX300-F	HDW100
Supported Video Resolution	Up to 4K@60Hz 4:2:0	Up to 4K@60Hz 4:4:4	Up to 4K@60Hz 4:4:4	Up to 4K@60Hz 4:4:4	Up to 4K@60Hz 4:4:4	Up to 1080p@60Hz
Transmission Range	230ft (70m): 1080P 130ft (40m): UHD 4K@60Hz 4:2:0	230ft (70m): 1080P 130ft (40m): UHD 4K@60Hz 4:4:4	230ft (70m): 1080P 130ft (40m): UHD 4K@60Hz 4:4:4	330ft (100m): 1080P 330ft (100m): UHD 4K@60Hz 4:4:4	1000ft(300m): 4K & 1080P	Wireless: 200m/656ft (line of sight) Wired: 120m/394ft
HDMI	1.4	2.0	2.0	2.0	2.0	1.3
HDCP	2.2	2.2	2.2	2.2	2.2	1.4
HDMI Audio Channel	7.1 Channel	7.1 Channel	7.1 Channel	7.1 Channel	7.1 Channel	Stereo
POE/PoC	Bi-Direction	Bi-Direction	Bi-Direction	Bi-Direction	No	No
IR Control	Bi-Direction	Bi-Direction	Bi-Direction	Bi-Direction	Bi-Direction	Bi-Direction
RS232	Yes	Yes	Yes	Yes	Yes	No
HDR	4K60Hz	4K60Hz	4K60Hz	4K60Hz	4K60Hz	No
ARC	No	No	Yes	No	No	No

4KEX60-H2

4K@60 444 HDMI Extender



FEATURES

- Supports video resolutions up to 4K@60Hz 4:4:4 8bit and HDCP 2.2.
- Over a Cat 6/6a/7 cable, transmits 4K@60Hz 4:4:4 8bit up to 35m/115ft.
- Over a Cat 5e/6/7 cable, transmits 1080P@60Hz up to 50m/164ft.
- Supports multichannel audio up to PCM 7.1, Dolby TrueHD and DTS-HD Master Audio.
- Supports one-way IR pass-through from receiver to transmitter.
- Supports bi-directional PoC, one power adapter at either transmitter or receiver side can power both units.
- Slim profile for easy installation.

SPECIFICATION

Video	
Input/Output Signal Type	HDMI 2.0b, HDCP 2.2, 3D
Input/Output Resolution Supported	Up to 4096x2160@60Hz, including 4K@60Hz/4K@30Hz/1080P/1080i/720P
Maximum Data Rate	HDMI: 18Gbps
Maximum Pixel Clock	600MHz
Audio	
Audio format supported	Fully supports audio formats in HDMI 2.0 specification, including PCM, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, DTS:X
General	
Operating Temperature	0 °C to + 45°C (32°F to + 113 °F)
Storage Temperature	-20 °C to +70°C (-4°F to +158 °F)
Humidity	10% to 90%, non-condensing
ESD Protection	Human Body Model: ±8kV (air-gap discharge) / ±4kV (contact discharge)
Product Supply	DC 12V 1A
Power Consumption (Max)	6.48W (Pair, PoC)
Product Dimension	70mm × 15.2mm × 90mm / 2.76'' × 0.60'' × 3.54'' (Each for TX/RX)
Product Weight	0.15kg/0.33lb (Each for TX/RX)

4KEX70-H2

HDMI 2.0 Over HDBaseT Extender



FEATURES

- Supports HDMI 2.0 with 4K@60Hz 4:4:4 8bit and HDCP 2.2
- Supports HDR (High Dynamic Range) format
- Over a Cat 6a/7 cable, HDMI signal transport up to 230ft (70m) at 1080P and 131ft (40m) at 4K@60Hz (4:4:4)
- Over a Cat 5e/6 cable, HDMI signal transport up to 197ft (60m) at 1080P and 115ft (35m) at 4K@60Hz (4:4:4)
- Bi-directional PoE: one power supply at either transmitter or receiver side can power both units
- Bi-directional IR/RS232 pass through
- Slim profile, space saving and easy-to-install

SPECIFICATION

Technical	
Video Signal Type	HDMI 2.0 with HDCP 2.2
Input/Output Resolution Support	<p>SMPTE: 1280x720P^{1,2,3,4,5,6,7,8}, 1920x1080I^{6,8}, 1920x1080P^{1,2,3,4,5,6,7,8}, 3840x2160^{2,3,5,6,8}, 4096x2160^{2,3,5,6,8}</p> <p>VESA: 800x600⁸, 1024x768⁸, 1280x768⁸, 1280x800⁸, 1280x960⁸, 1280x1024⁸, 1360x768⁸, 1366x768⁸, 1400x1050⁸, 1440x900⁸, 1600x900⁸, 1600x1200⁸, 1680x1050⁸, 1920x1200⁸</p> <p>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</p>
Maximum Data Rate	Stereo, PCM 2.0/5.1/7.1, Dolby True HD and DTS HD Master Audio
Maximum Data Rate	18Gbps
General	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	10% to 90%, non-condensing
ESD Protection	±8kV(Air-gap discharge) / ±4kV(Contact discharge)
Surge Protection	Voltage: ±1 kV
Power Consumption (Max)	12.8W (Pair)
Device Dimension (W x H x D)	5.39" x 0.61" x 2.93" (136.8 mm x 15.4 mm x 74.5 mm)
Product Weight	Transmitter: 0.53lb (0.24kg) Receiver: 0.53lb (0.24kg)