







Key Digital® Product Guide – Q1 2020

Key Digital's Enterprise AV over IP Encoders and Decoders create expandable HDMI over IP systems that can be scaled to fit any commercial installation.

ENTERPRISE AV OVER IP
AUDIO/VIDEO/CONTROL SOLUTIONS

4K UHD AV over IP Solutions

 ENCODER	KD-IP1022ENC	4K UHD AV over IP Encoder with Independent Video, Audio, KVM/USB Routing. Audio De-Embed with Volume, Delay, and Bass/Mid/Treble Control, 2 port PoE LAN Switch, HDMI Pass-through, 3 port IR, RS-232, Trigger Master Controller / Control Gateway.
 DECODER	KD-IP1022DEC	4K UHD AV over IP Decoder with Independent Video, Audio, KVM/USB Routing and Video Wall Processing. Audio De-Embed with Volume, Delay, and Bass/Mid/Treble Control, 2 port PoE LAN Switch, Local HDMI In, 3 port IR, RS-232, Trigger Master Controller / Control Gateway.
 ENCODER	KD-IP922ENC	4K UHD AV over IP Encoder, 2 PoE ports LAN Switch, HDMI Pass-through, Audio In, Audio De-Embedding with Lip-Sync & DSP, KVM/USB
 DECODER	KD-IP922DEC	4K UHD AV over IP Decoder, 2 PoE ports LAN Switch, Local HDMI Switching, Audio De-Embedding, Video Wall Processing, KVM/USB
 ENCODER	KD-IP822ENC	4K UHD AV over IP Encoder, PoE, HDMI Pass-Thru, 2x IR/RS-232 ports
 DECODER	KD-IP822DEC	4K UHD AV over IP Decoder, PoE, 2x IR/RS-232 control ports


1080p AV over IP Solutions

	KD-IP1080Tx	HDMI over IP with POE (Tx) Transmitter with Redundant Power Connection, HDMI Pass-through
	KD-IP1080Rx	HDMI over IP with POE (Rx) Receiver with Redundant Power Connection


Compass Control® Pro – fully integrated control system designed to use iOS and Android devices - as its backbone.



Compass Control® Pro Master Controller

	KD-MC1000	Master Controller, (Wired/LAN, up to 8 Ports)
--	---------------------------	---

Enterprise Software License for Compass Control® Pro


	KD-ProCL1 KD-ProCL4 KD-ProCL6 KD-ProCL8	Enterprise Software License for Compass Control® Pro for iOS devices 1/4/6/8 Units
--	--	--

Control Interface

	KD-CX800	Control Interface with IR and RS-232 over IP Routing
--	--------------------------	--

Matrix Switchers

4K HDBaseT/HDMI/POH Matrix Switchers with Integrated Audio, DSP, ARC

	KD-Pro8x8D	8x8 4K HDBaseT/HDMI/POH Matrix Switcher, Integrated Audio, DSP/De-embedding of Analog L/R Balanced/Unbalanced, Digital Coaxial Audio, ARC. (Includes 8 Rx Extenders: 6 Standard Range & 2 Long Range)
--	----------------------------	---

4K/18G HDMI Matrix Switchers with Independent Audio Switching and Audio De-embedding

	KD-MS4x4G	4x4 4K/18G HDMI Matrix Switchers, with Independent Audio Switching, Balanced/Unbalanced Audio, Audio De-embedding of Analog L/R/PCM
	KD-MS8x8G	8x8 4K/18G HDMI Matrix Switchers, with Independent Audio Switching, Balanced/Unbalanced Audio, Audio De-embedding of Analog L/R/PCM


Presentation Solutions



4K/18G Presentation Switchers

	KD-UPS52U	4K/18G USB/Universal Presentation Switcher with 5 Inputs (HDBT, 2x HDMI, DP, USB-C), 2 Mirrored Outputs (HDBT, HDMI), LAN, ARC, Audio De-Embed, IR, RS-232, IP Control, CEC Manager™. Includes Rx.
	KD-PS42	4K/18G Presentation Switcher with 4 Inputs (HDBT, 3x HDMI), 2 Mirrored Outputs (HDBT, HDMI), ARC, Audio De-Embed, IR, RS-232, IP, CEC Manager™. Includes Rx.



4K/18G Presentation Wall-Plate Switchers

	KD-X4x1WUTx	4x1 4K/18G 100m HDBT PoH Wall Plate Switcher with 2x HDMI, DP, USB-C, USB, LAN, Audio De-Embed, IR, RS-232, IP Control, CEC Manager™ (Transmitter Only)
	KD-X2x1WDTx	2x1 4K/18G 40m HDBT PoH Wall Plate Switcher with HDMI & DisplayPort, IR, RS-232 (Transmitter Only)
	KD-X2x1WVTx	2x1 4K/18G 40m HDBT PoH Wall Plate Switcher with HDMI & VGA, IR, RS-232 (Transmitter Only)

4K/18G Presentation HDBT Receivers

	KD-X40MRx	4K/18G HDBT Rx (40m) with L/R Audio De-Embed, IR, RS-232 (Receiver Only)
	KD-X100MRx	4K/18G HDBT Rx (100m) with USB, LAN, ARC, L/R Audio In, L/R Audio Output De-Embed, IR, RS-232 (Receiver Only)

Presentation Solutions Accessories

	KD-CAMUSB	PTZ USB Camera, IR/RS-232/Visca Controllable
	KD-VCS500	Converts and scales VGA video and analog audio to digital HDMI video and audio

➤ Planning your next AV project? Contact Key Digital® System Design Group for FREE system design service: SDG@keydigital.com

➤ All Key Digital products offer Limited 3 Year Product Warranty

Key Digital® Product Guide – Q1 2020 (continued)

Digital Signage

Video Wall Processors, Seamless Presentation Matrix Switchers



KD-VW4x4Pro 4x4 Video Wall Processor, Seamless Presentation Matrix Switcher. 8 Video Wall Modes.

Multi-View™ Seamless Presentation Matrix Switchers



KD-MLV4x2Pro 4x2 POH/HDBaseT/HDMI/VGA Multi-View Seamless Presentation Matrix Switcher. (Includes 1 Rx Extender). 6 Multi-View Screen Modes.

HDMI Switchers

4K/18G HDMI Switchers with Audio De-Embedding



KD-Pro2x1 2x1 4K/18G HDMI Switcher, Audio De-embedding of Analog L/R Balanced/Unbalanced & Digital Coaxial Audio



KD-Pro4x1 4x1 4K/18G HDMI Switcher, Audio De-embedding of Analog L/R Balanced/Unbalanced & Digital Coaxial Audio



KD-Pro2x1X 2x1 4K/18G HDMI Switcher, Audio De-embedding of Analog L/R Balanced/Unbalanced & Digital Coaxial Optical Audio, IR, RS-232, IP Control



KD-Pro4x1X 4x1 4K/18G HDMI Switcher, Audio De-embedding of Analog L/R Balanced/Unbalanced & Digital Coaxial Optical Audio, IR, RS-232, IP Control

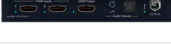
4K/18G HDMI Switchers, Slim Profile



KD-S2x1 2x1 4K/18G HDMI Switcher



KD-S4x1 4x1 4K/18G HDMI Switcher



KD-S2x1X 2x1 4K/18G HDMI Switcher with L/R & Optical Audio De-Embed Output



KD-S4x1X 4x1 4K/18G HDMI Switcher with L/R & Optical Audio De-Embed Output

Distribution Amplifiers

4K/18G POH/HDBT/HDMI Distribution Amplifiers/Switchers



KD-DA2x4G 2x4 4K/18G POH/HDBT/HDMI Distribution Amplifier/Switcher with Audio De-Embedding (Includes KIT 4 Rx 100 Meters Extenders)



KD-DA2x8G 2x8 4K/18G POH/HDBT/HDMI Distribution Amplifier/Switcher with Audio De-Embedding (Includes KIT 8 Rx 100 Meters Extenders)

4K/18G HDMI Distribution Amplifiers - Slim Profile



KD-DA1x8 1x8 4K/18G HDMI Distribution Amplifier



KD-DA1x2X 1x2 4K/18G HDMI Distribution Amplifier with L/R & Optical Audio De-Embed Output



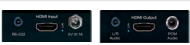
KD-DA1x4X 1x4 4K/18G HDMI Distribution Amplifier with L/R & Optical Audio De-Embed Output

HDBaseT/HDMI Extenders

4K/18G HDMI Fixers, Extenders, and Buffers



KD-FIX418 4K/18G HDMI Fixer, Booster, Buffer of EDID, HDCP, Hot Plug, 18G to 10G Compress/Decompress



KD-FIX418A 4K/18G HDMI Fixer, Booster, Buffer of EDID, HDCP, Hot Plug, 18G to 10G Compress/Decompress with L/R & PCM Audio De-Embed Output

4K HDMI Extenders, Boosters & Buffers, Audio De-Embedding



KD-HDFIX22 4K HDMI Extender, Booster & Buffer of EDID, HDCP2.2, built-in Audio De-Embedding of Digital Coaxial & Analog L/R, TMDS, HPD

4K/18G HDBaseT/POH Extenders



KD-X444L 4K/18G POH/HDBT/HDMI Extenders (Includes KIT Tx+Rx 4K/70meters 1080p/100meters)



KD-X444S 4K/18G POH/HDBT/HDMI Extenders (Includes KIT Tx+Rx 4K/40meters 1080p/70meters)

4K HDBaseT/HDMI Extenders



KD-X222PO 4K Power over HDBaseT/HDMI Extenders (Includes KIT Tx+Rx)

Plenum Active Optical HDMI Fiber Cables

4K/18G/4:4:4/60Hz Plenum Active Optical HDMI Fiber Cables - CMP/FT6 UL Rated



KD-AOCH33P 33 ft. / 10 m - 28 AWG



KD-AOCH49P 49 ft. / 15 m - 28 AWG



KD-AOCH66P 66 ft. / 20 m - 28 AWG



KD-AOCH98P 98 ft. / 30 m - 28 AWG



KD-AOCH131P 131 ft. / 40 m - 28 AWG



KD-AOCH164P 164 ft. / 50 m - 28 AWG



KD-AOCH328P 328 ft. / 100 m - 28 AWG



Commercial-Grade HDMI Cables

4K/18G/4:4:4/60Hz HDMI Cables - VW1 UL Rated



KD-Pro3 3 ft. / 0.9 m - 28 AWG



KD-Pro6 6 ft. / 1.8 m - 28 AWG



KD-Pro9 9 ft. / 2.7 m - 26 AWG



4K/18G/4:4:4/60Hz HDMI Cables - CL3/FT4 UL Rated



KD-Pro12 12 ft. / 3.6 m - 26 AWG



KD-Pro16 16 ft. / 4.9 m - 26 AWG



KD-Pro20 20 ft. / 6.0 m - 24 AWG



KD-Pro30GX 30 ft. / 9.0 m - 24 AWG



KD-Pro40GX 40 ft. / 12.2 m - 24 AWG



KD-Pro50GX 50 ft. / 15.0 m - 24 AWG



Audio Solutions

Digital Audio Amplifier



KD-AMP220 2Ch 20 WPC @ 8 Ohm, 40 WPC @ 4 Ohm, Compact Digital Audio Amplifier

Audio Matrix Switchers with DSP



KD-MAX8x8 8x8 Audio Matrix Switcher with built-in Audio DSP

Software

Key Digital® iOS App - TCP/IP Product Access & Control



KD-APP Access & Control Key Digital® App Ready products via TCP/IP directly with Key Digital® iOS App. Control Key Digital® AV over IP Systems with full switching capabilities, access pre-built GUIs, create presets.