









Key Digital® Product Guide – Q1 2021

AV over IP Solutions utilize a managed network switch to distribute video, audio, control and USB signals to HDMI endpoints & video walls.

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





Presentation Solutions

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-App and KDPlug & Present™ Ready.
	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. KD-App and KDPlug & Present™ Ready.
	KD-UFS42	4K 18G Universal Format Switcher with 4 Inputs (2x HDMI, DP, VGA), HDMI and HDBaseT Mirrored Outputs with Rx Included, Audio De-Embed, CEC Display Control, Auto Switching. KD-App and KDPlug & Present™ Ready.
	KD-BYOD4K	4K KDPlay Wireless Presentation Gateway for PC, Mac, iOS and Android devices. Full and Multi-Presenter Viewing Modes. Screen Mirroring via LAN or WiFi with built-in Antenna. Includes KD-BYODFD.
	KD-BYODFD	Software Auto-Launch Flash Drive for KD-BYOD4K with Dual Head USB-A and USB-C Connectors

4K/18G HDBT PoH Switchers and Extender Transmitters



	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)
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	KD-X3x1WUTx	3x1 4K 18G 428 ft (100m) HDBaseT Transmitter Wall Plate with Auto Switching, HDMI, DisplayPort and VGA Inputs, USB 2.0, LAN, CEC Control Keypad, Audio De-Embed, IR and RS-232 Pass-Thru, IP Control, Power over HDBaseT.
	KD-PS22UTx	4K/18G 328ft (100m) HDMI over HDBaseT Extender, 2x1 Switcher with 2 HDMI Inputs, 2 Mirrored Outputs (HDBaseT, HDMI), USB 2.0, LAN, Audio De-Embed, IR, RS-232, IP Control, PoH, CEC Manager™. Tx 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 HDBT PoH 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 2.0 1080p Camera, IR/RS-232/Visca Controllable. Includes IR remote. Now Available! KDCam PC Software from the Microsoft Store - FREE Download .
	KD-XUSB2	USB2.0 over CAT5e/6 50m Extender Kit (Tx and Rx). Rx features built-in 2 Port USB Hub, Power over CAT.

Digital Video Processing Solutions


4K Video Wall Matrix AV over IP Kit

	KD-VW4x4Pro4K	4K Video Wall Matrix AV over IP Kit. Includes 4 Encoders, 4 Decoders, Mounting Shelf, and Pre-Configured Network Switch. KD-App Ready.
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Video Wall Processors, Seamless Presentation Matrix Switchers



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

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

> Planning your next AV project? Contact Key Digital® Sales for system design and project planning assistance: sales@keydigital.com


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Control Solutions


Master Controllers & Control Interfaces

	KD-MC1000	Master Controller, (Wired/LAN, up to 8 Ports)
	KD-CX800	Control Interface with IR and RS-232 over IP Routing


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.
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Key Digital® Management Software™ Pro (KDMS™ Pro)





	Key Digital® Management Software™ Pro	Key Digital unit/system configuration and control PC software - For Professional A/V Integrators. Build virtual matrix systems, configure and manage video walls, manage video and audio routing, control networked Key Digital devices and displays.
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Compass Control® Pro – fully integrated control system designed to use iOS as its backbone.

	KD-ProCL1 KD-ProCL4 KD-ProCL6 KD-ProCL8	Enterprise Software License for Compass Control® Pro for iOS devices 1/4/6/8 Units. License activates Compass Control® Pro iOS App as a fully functioning controller. Programming the Compass Control® Pro System requires the use of the Compass Navigator™ PC Software.
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HDMI Switchers

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



	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
	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

4K/18G HDMI Switchers, Slim Profile




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

HDMI 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

HDMI over CAT5e/6 Extenders

4K UHD@TP via Single CAT5e/6 HDMI Extenders

	KD-EX18G	4K with HDR HDMI Extender Tx + Rx Kit. Extends 4K 18G to 35m (115ft), 1080p to 50m (164ft). 4K to 1080p Down Convert, HDMI Pass Thru, Power over CAT5e/6, 2 Way IR, Handshake Control, Forced HPD
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4K HDBaseT/POH Extenders

	KD-X444S	4K/18G POH/HDBT/HDMI Extenders (Includes KIT Tx+Rx 4K/40m 1080p/70m)
	KD-X422POA	4K POH HDBaseT HDMI with Audio De-Embedder Extenders (Tx+Rx KIT)
	KD-X222PO	4K Power over HDBaseT/HDMI Extenders (Includes KIT Tx+Rx)





HDMI Fixers, Boosters and Buffers

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








8K/48G Ultra High Speed HDMI® Cables

Dynamic HDR, Dolby® Vision, HDCP2.3, Deep Color 8K 4:4:4 16bit 60Hz, 4:2:0 16bit 120Hz - VW1 UL Rated

	KD-Pro8K3BX	3.3 ft. / 1 m - 30 AWG	
	KD-Pro8K6BX	6 ft. / 1.8 m - 30 AWG	
	KD-Pro8K10BX	10 ft. / 3 m - 28 AWG	

4K 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	

4K 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

	KD-AMP220	2Ch 20 WPC @ 8 Ohm, 40 WPC @ 4 Ohm, Compact Digital Audio Amplifier
	KD-MAX8x8	8x8 Audio Matrix Switcher with built-in Pre-Amp

➤ All Key Digital products offer Limited 3 Year Product Warranty



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