



KVM Control for Video Walls

CineLink KVM enables users to access multiple computers using a single workstation's keyboard and mouse. This configuration is particularly suited for operation center workflows where multi-screen workstations are essential for monitoring critical information. Implementing the CineLink KVM solution helps eliminate hardware clutter in operation centers, conserve desktop space at consoles, and improve access to critical data for personnel.





BENEFITS OF CINELINK KVM

► EFFICIENT MULTI-SYSTEM ARCHITECTURE

CineLink KVM can encode and stream up to four computers or virtual machines, allowing an operator to control four separate workstations from a single console in an operation center.

► SEAMLESS ACCESS TO MULTIPLE COMPUTERS

Each workstation display in the operation center is connected to a dedicated server, allowing users to seamlessly switch control between them by moving the mouse across the screens.

► ENHANCED KVM SECURITY & MONITORING

CineLink KVM seamlessly integrates into your existing IT infrastructure, adhering to your organization's policies and enhancing your security posture by removing physical access to computers.

► NO SINGLE-POINT OF FAILURE

CineLink KVM eliminates single points-of-failure by storing all settings and connectivity rules within each device. These devices feature two configurable network interface ports for link redundancy, adjusting internal processing parameters to minimize downtime for mission-critical operations.

CINELINK KVM PRODUCT SERIES

KVM ENCODERS

CineLink KVM E2



CineLink KVM E4



KVM ACCESS POINTS

CineLink KVM AP2



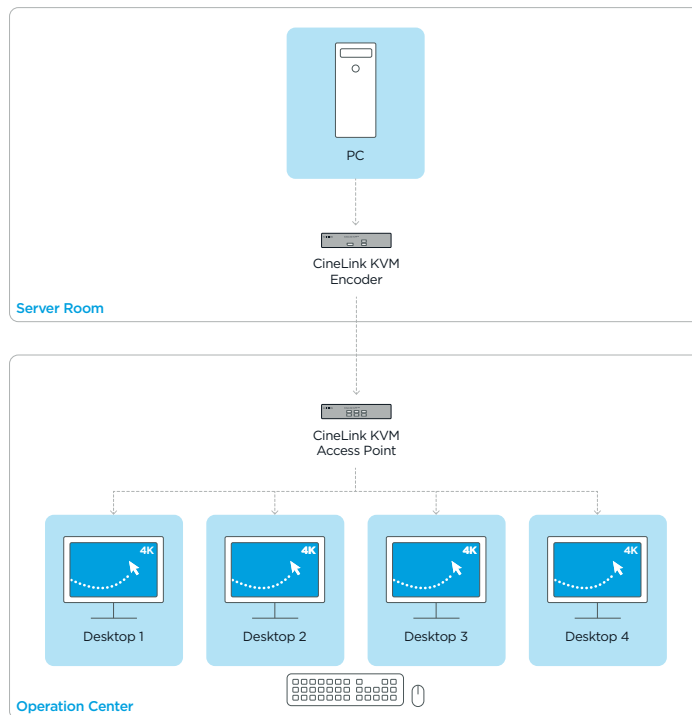
CineLink KVM AP4



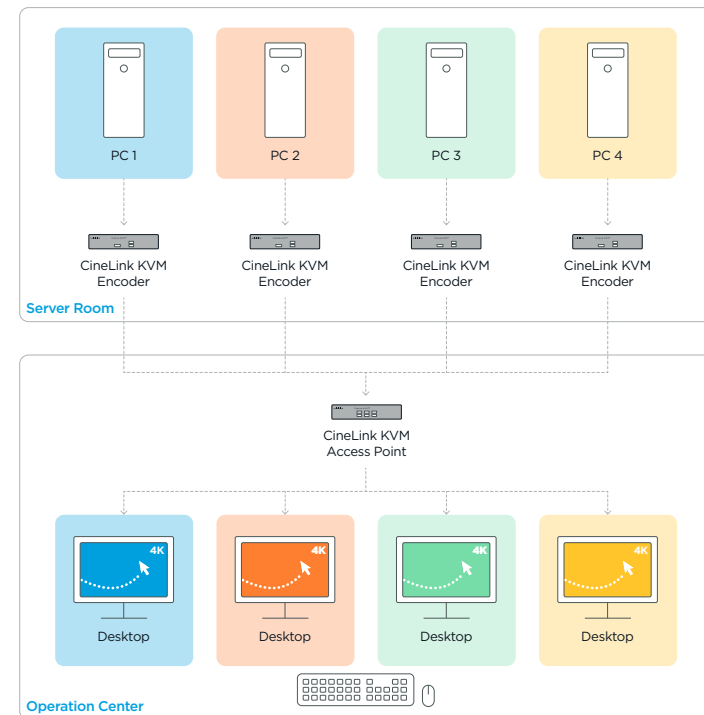
SYSTEMS CONFIGURATIONS

CineLink KVM offers customizable configuration options to meet various control room needs.

Single Host Configuration



Multi-Host Configuration





	CINELINK KVM E4	CINELINK KVM AP4	CINELINK KVM E2	CINELINK KVM AP2
VIDEO ENCODING				
MAXIMUM VIDEO RESOLUTIONS	Up to 2 x 3840x2160 @60Hz Up to 2 x 3440x1440 @50Hz Up to 2 x 3840x2160 @30Hz Up to 2 x 2560x1600 @60Hz Up to 2 x 2560x1440 @60Hz Up to 3 x 1920x1200 @60Hz Up to 4 x 1920x1200 @50Hz Up to 4 x 1920x1080 @60Hz		1 x 3840x2160 @30Hz 1 x 3440x1440 @50Hz 1 x 2560x1600 @60Hz 1 x 2560x1440 @60Hz Up to 2 x 1920x1080 @60Hz Up to 2 x 1920x1200 @50Hz	
COLOR SPACE AND CHROMA SUB-SAMPLING	RGB 8:8:8, YUV 4:4:4			
HARDWARE INTERFACES				
VIDEO INPUTS	3x DisplayPort 1.1 1x DisplayPort 1.2		2x DisplayPort 1.1	
VIDEO OUTPUTS		3x DisplayPort 1.1 1x DisplayPort 1.2		2x DisplayPort 1.1
AUDIO INPUTS	Line in 3.5 mm	Line in 3.5 mm Mic in 3.5 mm	Line in 3.5 mm	Line in 3.5 mm Mic in 3.5 mm
AUDIO OUTPUT	Line out 3.5 mm	Line in 3.5 mm, Headphone out 3.5 mm	Line out 3.5 mm	Line in 3.5 mm, Headphone out 3.5 mm
AUDIO SUPPORT	Digital audio embedded in DisplayPort, Stereo analog audio			
USB PORTS	1x USB 2.0 (Type B)	6x USB 2.0 (Type A)	1x USB 2.0 (Type B)	4x USB 2.0 (Type A)
USB SUPPORT	High Speed USB 2.0, Keyboard, mouse, touchscreens, USB 2.0 mass storage device, industrial keyboards, smart card/CAC readers and other USB HID devices.			
NETWORK CONNECTOR	1x RJ45 network port, 1x SFP cage			
RS-232	1x 9pin D-type (male)			



	CINELINK KVM E4	CINELINK KVM AP4	CINELINK KVM E2	CINELINK KVM AP2
NETWORK CONNECTIVITY				
NETWORK INTERFACE	1x RJ45 network port, 1x SFP cage			
COLOR SPACE AND CHROMA SUB-SAMPLING	RGB 8:8:8, YUV 4:4:4			
NETWORK STANDARD	1,000 base-T Ethernet, Auto-detect, Half/full duplex			
ROUTING SCHEME	Unicast, Multicast, Multi-unicast			
IP ADDRESSING	IPv4, IPv6, DHCP and static IP			
MAX DISTANCE ON COPPER CABLES (POINT-TO-POINT)	Cat5e, Cat6—100 m (328 ft)			
MAXIMUM DISTANCE ON FIBER OPTIC CABLES (POINT-TO-POINT)	OM2, OM3, OM4 (50/125µm) multi-mode - 550 m (1804 ft.) OM1 (62.5/125µm) multi-mode - 275 m (902 ft.) OS1, OS2 (9/125µm) single-mode - 10 km (6.20 mi)			
PHYSICAL				
DIMENSIONS (W X H X D)	7.5 x 1.7 x 8.5 inches (19.05 x 4.32 x 21.59 centimeters)			
POWER SUPPLY	External PSU, Lockable PSU Connector, 90-264V, 50-60 Hz, C13 Connector			
POWER DRAW	60W DC			



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