

KVM Extender Series

Best solution for every remote control — from visually lossless to ultra-low latency.



Zero-Latency Point-to-Point HDMI KVM Extender

KHEXT70-6
KHEXT70-8
KHEXT60-4
KHEXT70-9
KHEXT70-4

AVoverIP - One to Many (over Optical Fiber)

KHEXT400-8
KHEXT400-6
KHEXT400-4

AVoverIP - One to Many (over CAT5/5e/6/6a/7)

KHEXT120-16
KHEXT120-6
KHEXT120-14
KHEXT120-11
LKV593KVM-V3.0

Wireless KVM Extender

KHEXT50-16
KHEXT50-14
LKV899KVM(Wi-Fi 7)

CONTENTS

01

**Point-to-Point
HDMI KVM Extender**

06

**AVoverIP- One to Many
(over CAT5/5e/6/6a/7)**

14

**AVoverIP - One to Many
(over Optical Fiber)**

18

**Wireless KVM
Extender**

Zero-Latency Point-to-Point HDMI KVM Extender

PremiumCord Point-to-Point HDMI KVM Extenders break the distance barrier without compromise. Achieve flawless, zero-latency transmission of 4K(1080P) HDR video and audio over 70m. For control rooms, broadcast, and professional AV where every millisecond and pixel counts.

Basic & Streamlined

KHEXT70-6



4K30

HDR

70M

KHEXT70-8



4K30

HDR

70M

KHEXT60-4



1080P

Visually Lossless

60M

Premium & Pioneering

KHEXT70-9

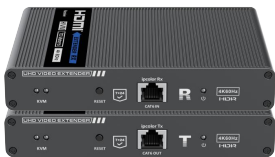


4K60

HDR

60M

KHEXT70-4



4K60

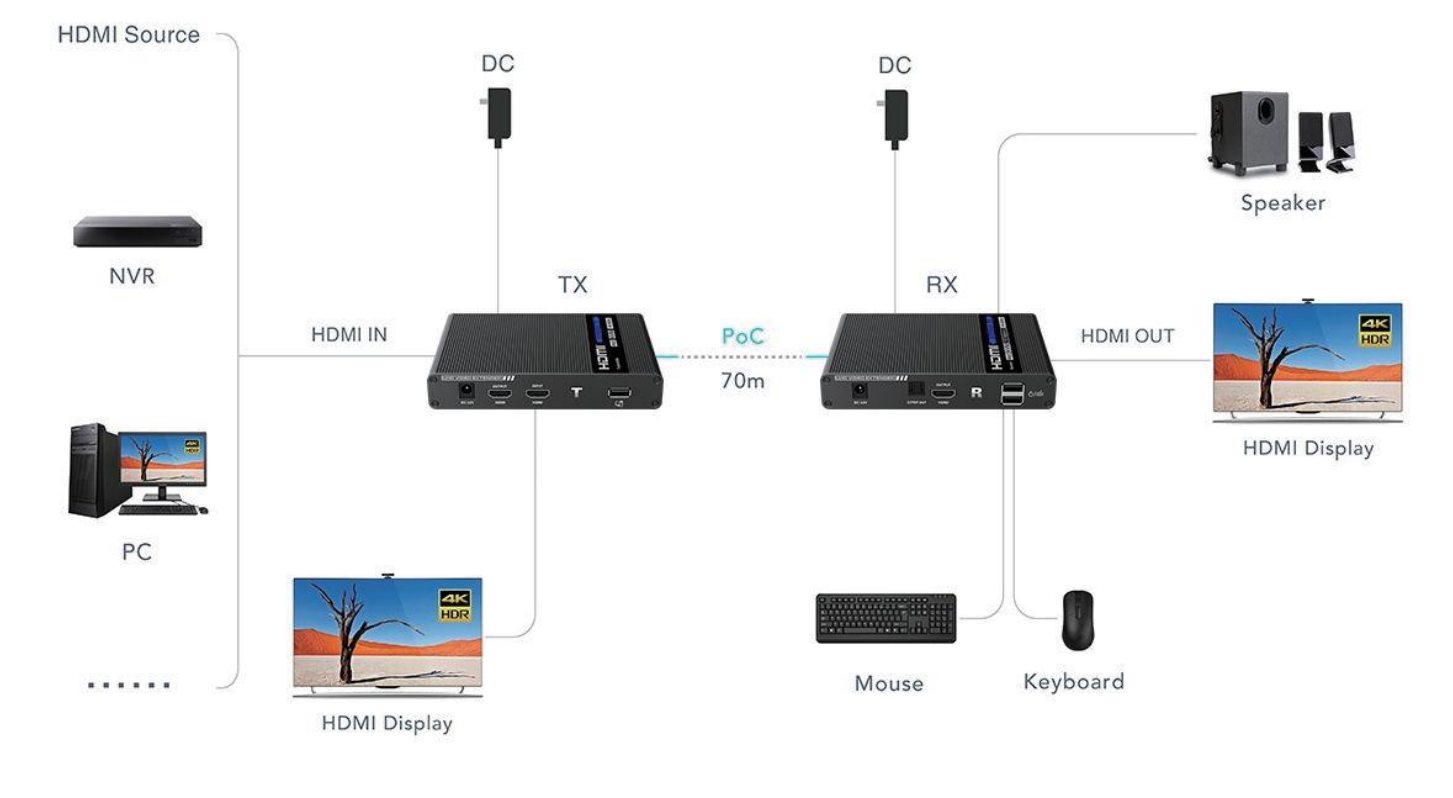
HDR

70M

Comparison Table

Specification	KHEXT70-6	KHEXT70-8	KHEXT60-4	KHEXT70-9	KHEXT70-4
ipcolor	-	-	ipcolor Image Visually Lossless	ipcolor Image Visually Lossless	ipcolor Image Visually Lossless
Latency	Zero Latency	Zero Latency	Zero Latency	Zero Latency	Zero Latency
Max. Resolution	4K@30Hz	4K@30Hz	1080P@60Hz	4K@60Hz	4K@60Hz
Cable Compatibility	CAT6/6a/7	CAT6/6a/7	CAT5/5e/6/6a/7	CAT6/6a/7	CAT6/6a/7
Transmission Distance	4K@30Hz: ≤40m 1080P@60Hz: ≤70m	4K@30Hz: ≤40m 1080P@60Hz: ≤70m	CAT5/5e Cable ≤50m	≤60m	≤70m
HDR Support	HDR10	HDR10	-	HDR10	HDR10
EDID Management	√	√	-	-	√
HDMI Loop-out	√	-	√	√	√
Audio Interface	3.5mm L/R	-	-	3.5mm L/R	S/PDIF
Audio Format	PCM, LPCM, DTS-HD DTS Audio	LPCM / DTS / DTS-HD PCM	PCM	LPCM / DTS-HD Dolby Digital 5.1CH Dolby Atmos	LPCM / DTS-HD Dolby Digital 5.1CH Dolby Atmos/DTS-Audio
PoC Power	-	Only TX requires power	Only TX requires power	Only TX requires power	-
HDMI / HDCP Version	HDMI 1.4 / HDCP 1.4	HDMI 1.4 / HDCP 1.4	HDMI 1.3 / HDCP 1.4	HDMI 2.0 / HDCP 2.2	HDMI 2.0 / HDCP 2.2

Connection



4K@30Hz HDR HDMI KVM Extender



KHEXT70-6

HDMI Loop-out

3.5mm L/R

EDID



Zero Latency

4K

4K@30Hz

HDR

HDR

EDID

EDID

KHEXT70-8

PoC

EDID



40m
4K30Hz

40m-4K@30Hz

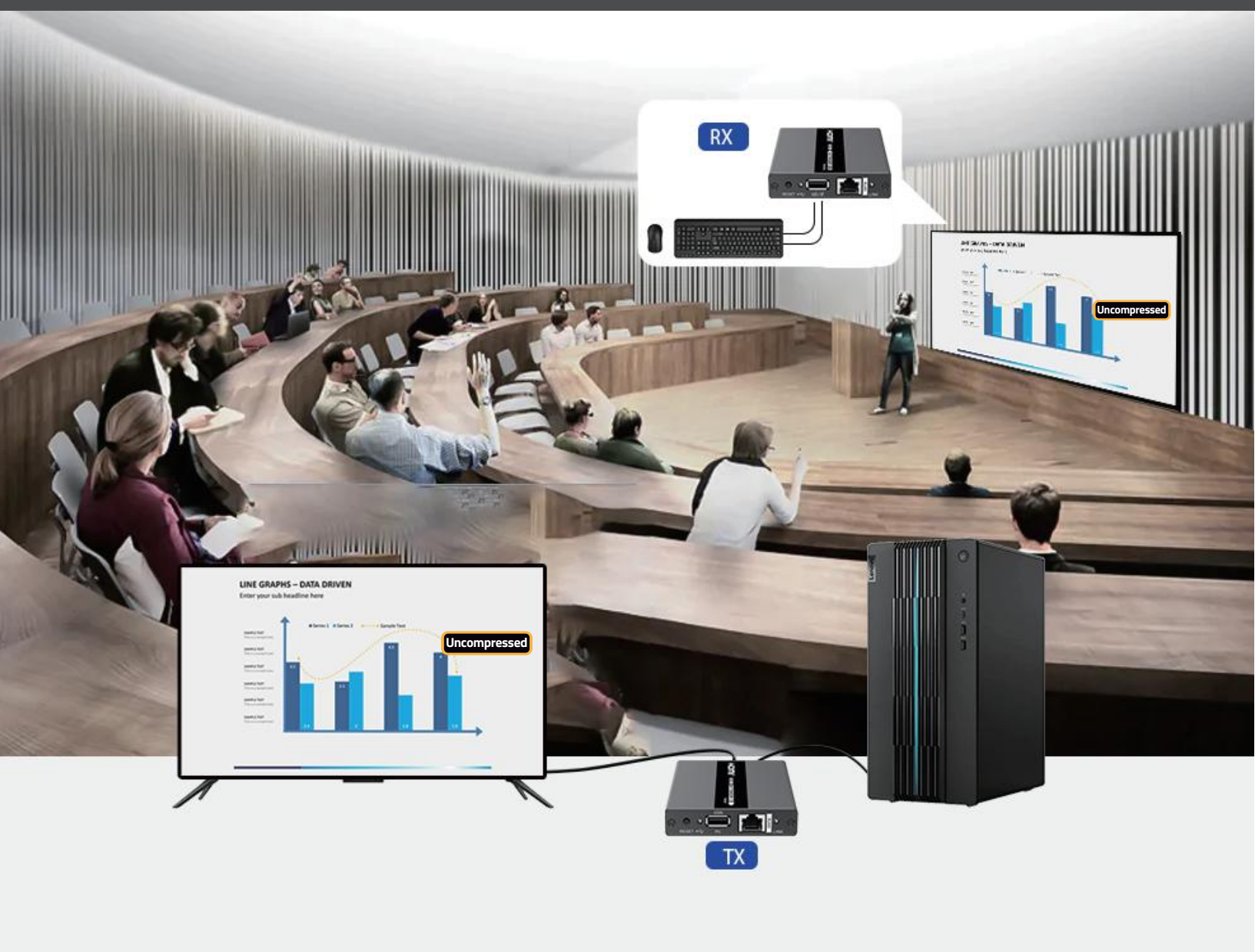
70m
1080P60Hz

70m-1080P@60Hz



KVM

Uncompressed 1080P@60Hz HDMI KVM Extender



KHEXT60-4

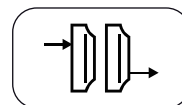
1080P@60Hz

≤60m
Cat6/6a/7

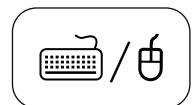
≤60m(Cat6/6a/7)

≤50m
Cat5/5e

≤50m(Cat5/5e)



HDMI
Loop-out



KVM

4K@60Hz HDR Visually Lossless HDMI KVM Extender



KHEXT70-9

HDMI Loop-out

3.5mm L/R

One-way PoC

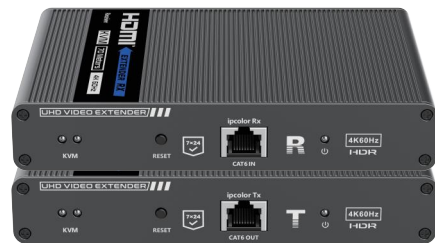


KHEXT70-4

HDMI Loop-out

S/PDIF

EDID



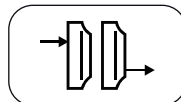
ipcolor IMAGE
Visually Lossless



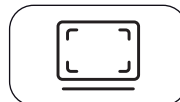
HDR



EDID



HDMI Loop-out



Widescreen
Resolutions



Lightning Protection
Surge Protection
ESD Protection



POC



AVoverIP - One to Many (over CAT5/5e/6/6a/7) HDMI over IP KVM Extender

Break free from point-to-point limitations. PremiumCord's HDMI over IP solution empowers you to distribute a single source to countless displays, or switch between multiple sources with unparalleled flexibility across your entire network. Ideal for digital signage, command centers, and large-scale presentations.

Basic

KHEXT120-16

1080P



100Mbps Network

120M

KHEXT120-6

1080P



1Gbps Network

120M

KHEXT120-14

4K60



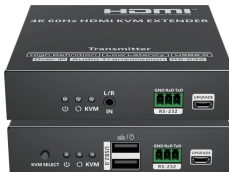
1Gbps Network

120M

Standard

KHEXT120-11

4K60



ipcolor
STREAM

Mouse, Keyboard & Touchscreen

U Disk, 1080P Camera

LKV593KVM-V3.0

4K60



ipcolor
PIXEL

Unlimited Receivers Cascade

ARC & CEC

Comparison Table

Specification	KHEXT120-16	KHEXT120-6	KHEXT120-14	KHEXT120-11	LKV593KVM-V3.0
ipcolor	-	-	-	ipcolor STREAM	ipcolor PIXEL,Uncompressed
Max. Resolution	1080P @60Hz	1080P @60Hz	4K @60Hz (4096x2160)	4K @60Hz (3840x2160)	4K @60Hz (4096x2160)
Transmission Medium	CAT5/5e/6/6a/7	CAT5/5e/6/6a/7	CAT5/5e/6/6a/7	CAT5/5e/6/6a/7	CAT6/6A/7
Max. Distance	120m (CAT6)	120m (CAT6)	120m (CAT6)	120m (CAT6)	80m (CAT6/6A/7)
Typical Latency	70-130ms	80-110ms		80-140ms	≤8ms
HDR Support	-	-	-	-	HDR10, Dolby Vision
Audio I/O	HDMI only	HDMI only	HDMI only	HDMI, 3.5mm	HDMI, S/PDIF, ARC
RS-232	-	-	-	√	√
IR Control	-	-	-	-	√ (Bi-directional)
HDMI Loop-out	-	-	-	√	√
KVM Support	Mouse/Keyboard Touchscreen	Mouse/Keyboard Touchscreen	Mouse/Keyboard Touchscreen	Mouse/Keyboard Touchscreen U Disk, 1080P Camera	Mouse/Keyboard - -
Network Switch	100Mbps	Gigabit	Gigabit	Gigabit	10-Gigabit
RX Cascading	-	-	-	-	√
HDMI / HDCP	HDMI 1.3, HDCP 1.4	HDMI 1.3, HDCP 1.4	HDMI 2.0, HDCP 1.4/2.2	HDMI 2.0, HDCP 1.4/2.2	HDMI 2.0, HDCP 1.4/2.2

HDMI over 1G IP KVM Extender

Touch Screen Available



KHEXT120-14

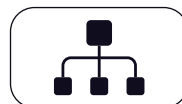
4096x2160@60Hz



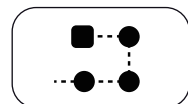
1G Ethernet



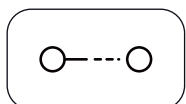
KVM(keyboard&mouse)/
Touch Screen



One to One
One to Many



Switches
Cascade



Double 120M



Stable 24/7
Operation



Lightning Protection
Surge Protection
ESD Protection

KHEXT120-6

1920x1200@60Hz



4K@60Hz Over 1G IP HDMI KVM Extender

Two USB 2.0 Peripherals Compatible
- USB Disk & 1080P Webcam



Mouse
Keyboard
Touchscreen



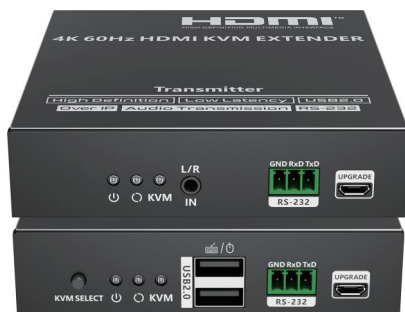
U Disk



1080P Camera

KHEXT120-11

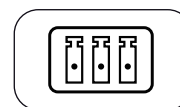
3840x2160@60Hz



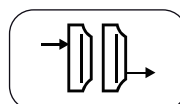
ipcolor STREAM



1G Ethernet



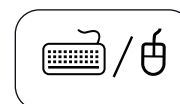
RS232



HDMI
Loop-out



3.5mm L/R



Upgraded KVM
(USB2.0)

Two USB 2.0 Peripherals Compatible - USB Disk & 1080P Webcam

Unlock complete connectivity with seamless integration of five key devices: U Disk, 1080P webcam, mouse, keyboard, and touchscreen —perfect for modern workspaces.



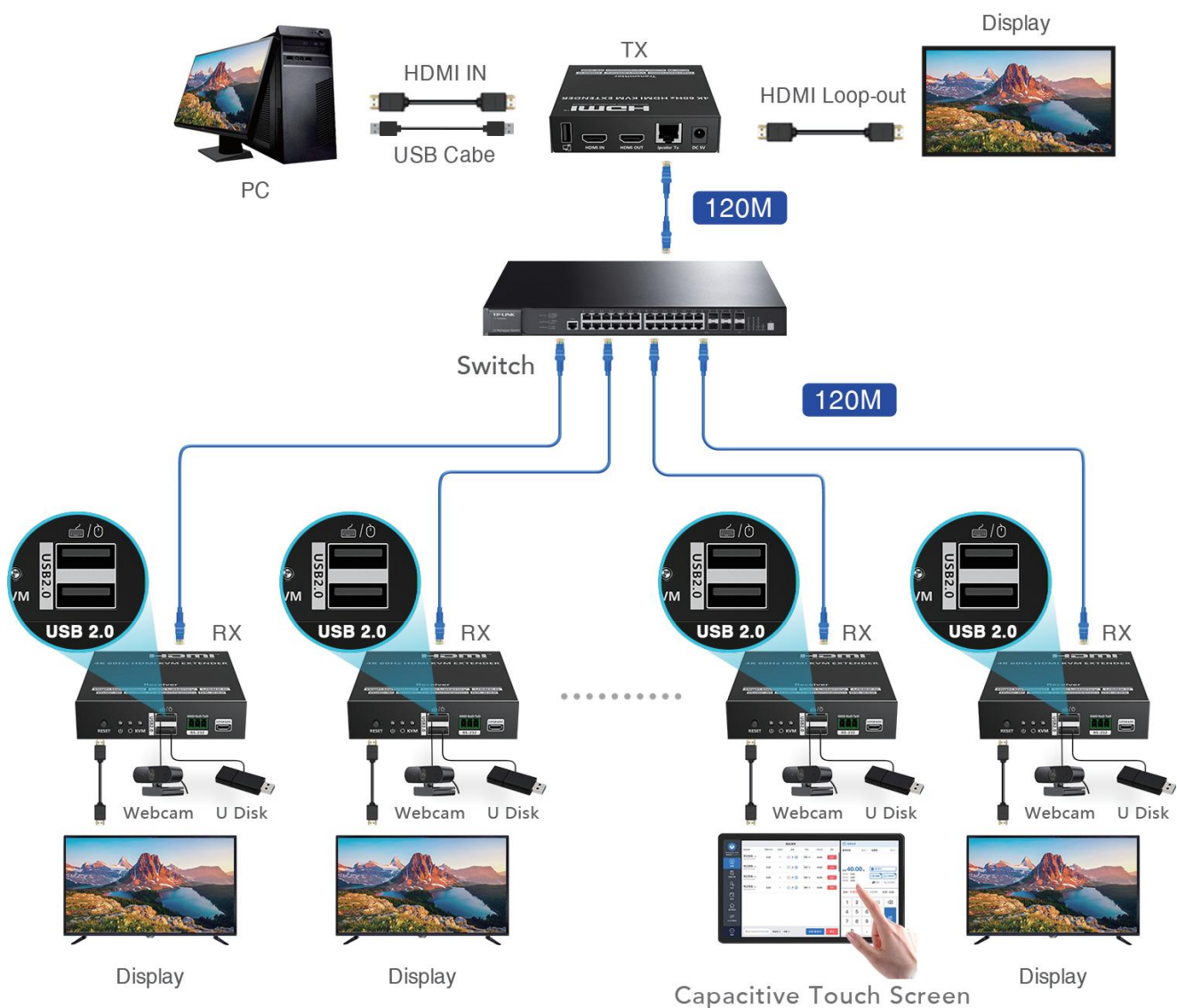
4K@60Hz Cinema-grade Performance

Where every frame is a masterpiece. Our exclusive technology ensures flawless, high-frame-rate video transmission with vibrant, accurate colors and exceptional clarity, bringing true-to-life visuals to your screen.



Multi-connections Meet Different Scenarios

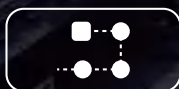
(One to One, One to Many, Switch Cascading)



Uncompressed 4K@60Hz Dolby Vision HDMI over IP KVM Extender

ipcolor
PIXEL

ipcolor PIXEL
Fully Uncompressed



Unlimited
Receivers Cascade



ARC & CEC

LKV593KVM-V3.0

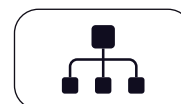
4096x2160@60Hz



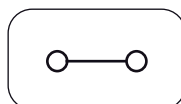
Dolby Vision
HDR



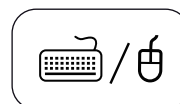
10G
Ethernet



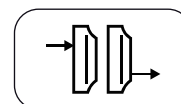
One to One
One to Many
Switches Cascade



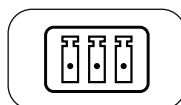
100M



KVM



HDMI
Loop-out



RS-232
Control



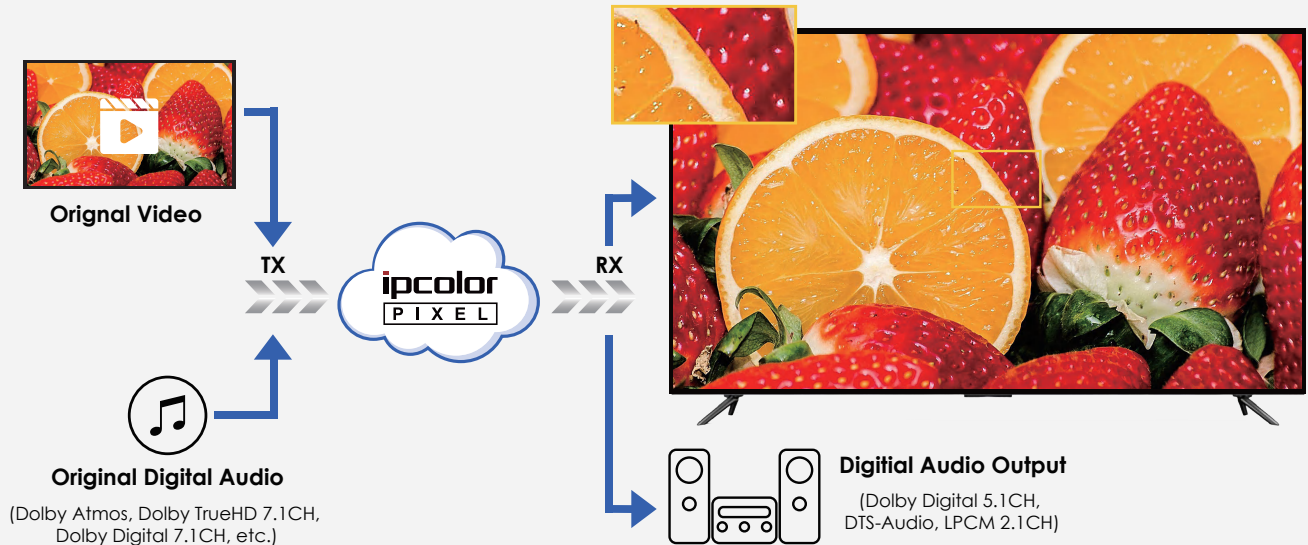
Stable 24/7
Operation



Lightning Protection
Surge Protection
ESD Protection

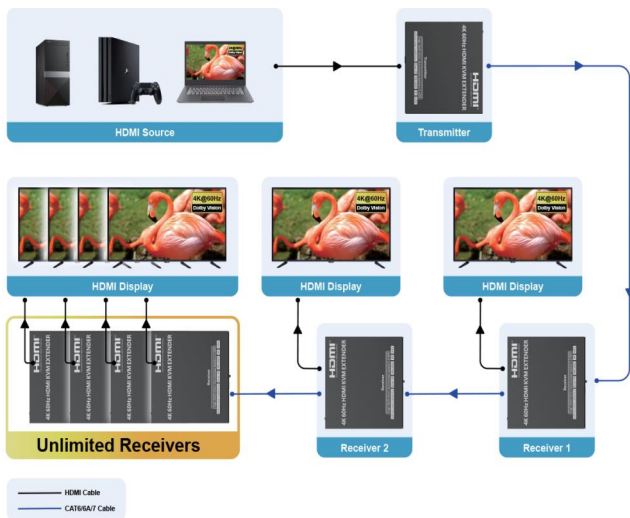
ipcolor PIXEL - Exceptional Uncompressed 4K@60Hz AV Over IP Transmission

Delivers uncompressed HDMI 2.0, 4096x2160@50Hz/3840x2160@60Hz 4:4:4 video, digital audio, and control signal over IP, reproducing the source pattern without loss of detail.



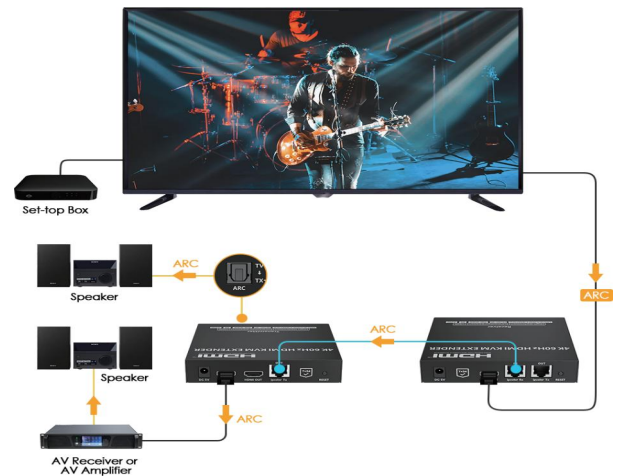
Unlimited Multi-receiver Cascade

No need 10G switch, endless receiver cascading.



ARC

The extender can directly send audio signals from smart TV back to transmitter via ARC, eliminating the need for additional digital output wires.



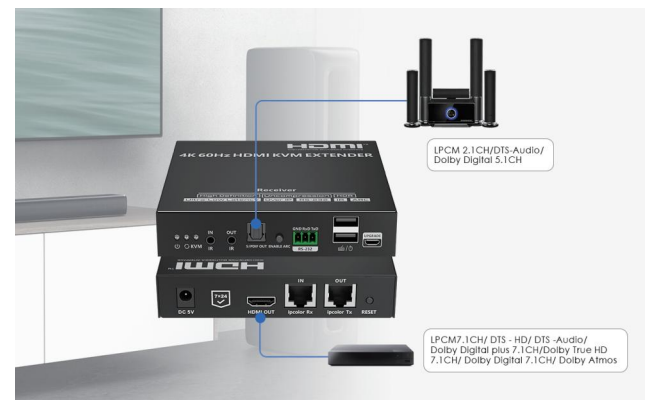
Dolby Vision Magnificent Color Expression

Supports both static and dynamic HDR formats, including HDR10 and Dolby Vision, giving an expanded realm of ultra-vivid color, striking brightness, dramatic contrast, and lifelike detail.



Immersive Digital Audio Extraction

Supported formats: Dolby Atmos, Dolby Digital Plus, Dolby TrueHD 7.1, Dolby Digital, DTS-HD, DTS-Audio, LPCM 7.1, outputs the source audio additionally through the S/PDIF port.



AV over IP - One to Many (over Optical Fiber) HDMI over IP KVM Optical Extender

PremiumCord Fiber Optic Extenders enable long haul transmission of AV, control signals and USB over fiber optic cable at extreme distances up to 40km or 300m over fiber optic cabling, making these extenders well suited for use within buildings and across large facilities, such as airports, stadiums, and university campuses. Engineered for reliability and exceptional high resolution image performance, they feature LENKNG exclusive ipcolor technology that delivers pixel-for-pixel transmission of HDMI audio and video.

Standard

KHEXT400-8

1080P



ipcolor STREAM

1 Gbps Network

KHEXT400-6

4K60



ipcolor STREAM

1 Gbps Network

Advanced

KHEXT400-4

4K60



ipcolor PIXEL

Uncompressed

10 Gbps Network

Dolby Vision

Comparison Table

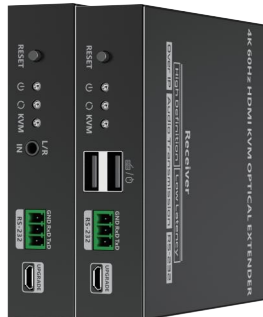
Model	KHEXT400-8	LKHEXT400-6	KHEXT400-4
ipcolor Technology	ipcolor STREAM	ipcolor STREAM	ipcolor PIXEL
Maxmium Resolution	1920x1200@60Hz	4K@60Hz	4K@60Hz
Distance	40KM(SMF)	40KM(SMF)	40KM(SMF)
	300M(MMF)	300M(MMF)	300M(MMF)
Switch	1G Switch	1G Switch	10G Switch
Latency	80~140ms	80~140ms	8ms
HDR	×	×	Dolby Vision
HDMI Loop-out	√	√	√
IR Passback	×	×	√
ARC	×	×	√
EDID	×	×	√
CEC	×	×	√
RS-232	√	√	√
KVM	√	√	√
RX Casacading	×	×	√
HDMI Audio Output	LPCM 2.0	LPCM 2.0	LPCM7.1CH/ DTS - HD/ DTS - Audio/Dolby Digital plus/Dolby True HD 7.1CH/ Dolby Digital 7.1CH/ Dolby Atmos
S/PDIF Audio Output	×	×	LPCM 2.1CH/DTS-Audio/ Dolby Digital 5.1CH
3. 5mm L/R Output	PCM	PCM	×

HDMI over 1G IP Optical KVM Extender



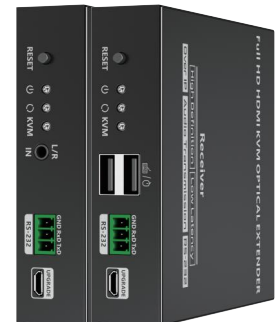
KHEXT400-6

4K@60Hz



KHEXT400-8

1080P@60Hz



ipcolor
STREAM

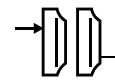
ipcolor STREAM

1G

1G Ethernet



One to One
One to Many
Switches Cascade



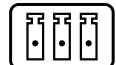
HDMI Loop-out

40KM
300M

40KM/300M



KVM



RS-232
Control



3.5mm L/R
Audio Output



Stable 24/7
Operation



Lightning Protection
Surge Protection
ESD Protection

Uncompressed 4K@60Hz Dolby Vision HDMI over IP Optical KVM Extender

ipcolor
IMAGE

ipcolor IMAGE
Fully Uncompressed



Unlimited
Receivers Cascade

ARC
CEC

ARC & CEC

KHEXT400-4

4096x2160@60Hz



**4096x2160
@60Hz
YUV4:4:4**

Dolby Vision
HDR



10G Ethernet



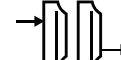
One to One
One to Many
Switches Cascade



40KM/300M



KVM



HDMI Loop-out



RS-232 Control



Stable 24/7
Operation



Lightning Protection
Surge Protection
ESD Protection

HDMI KVM Wireless Extender

PremiumCord's wireless HDMI KVM extenders deliver high-fidelity 4K@60Hz video and audio over 50 meters. Its exclusive protocol guarantees high reliability and ultra-low latency, supporting stunning HDR visuals. The ideal solution for immersive, lag-free applications like VR, AR, and gaming.

Standard

24/7 Operation | IR Control | HDMI Loop-out | 50m Max. Transmission

KHEXT50-14

4K@60Hz



KHEXT50-16

1080P@60Hz



Advanced

Ultra-low Latency(< 16ms) | 1TX to 1RX | ipcolor IMAGE Visually Lossless
HDR10 | HDMI Loop-out

LKV899KVM(Wi-Fi 7)

4K@60Hz



Wireless KVM Extender | 1 TX to 4 RXs

24/7 Operation | Touchscreen Support | IR Control | HDMI Loop-out | 50m Max.

KHEXT50-14

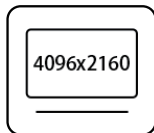
4K 60Hz

1-to-4 KVM Extender with Touchscreen Support

Simultaneously display ads and UI dashboards with 4K60Hz quality.



ipcolor STREAM



4096x2160 @
60Hz



Low Latency



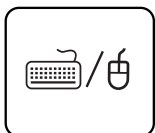
Anti-interference



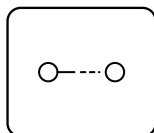
5.1-5.2GHz
Band



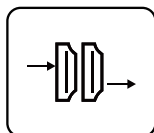
Widescreen
Resolutions



KVM



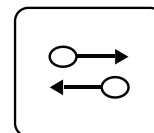
50M (line of sight,
1-to-1)



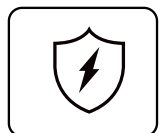
HDMI Loop-out



Channel
Switchable



IR Pass-
through



Lightning Protection
Surge Protection
ESD Protection

Latency < 16ms, Wireless HDMI KVM Extenders

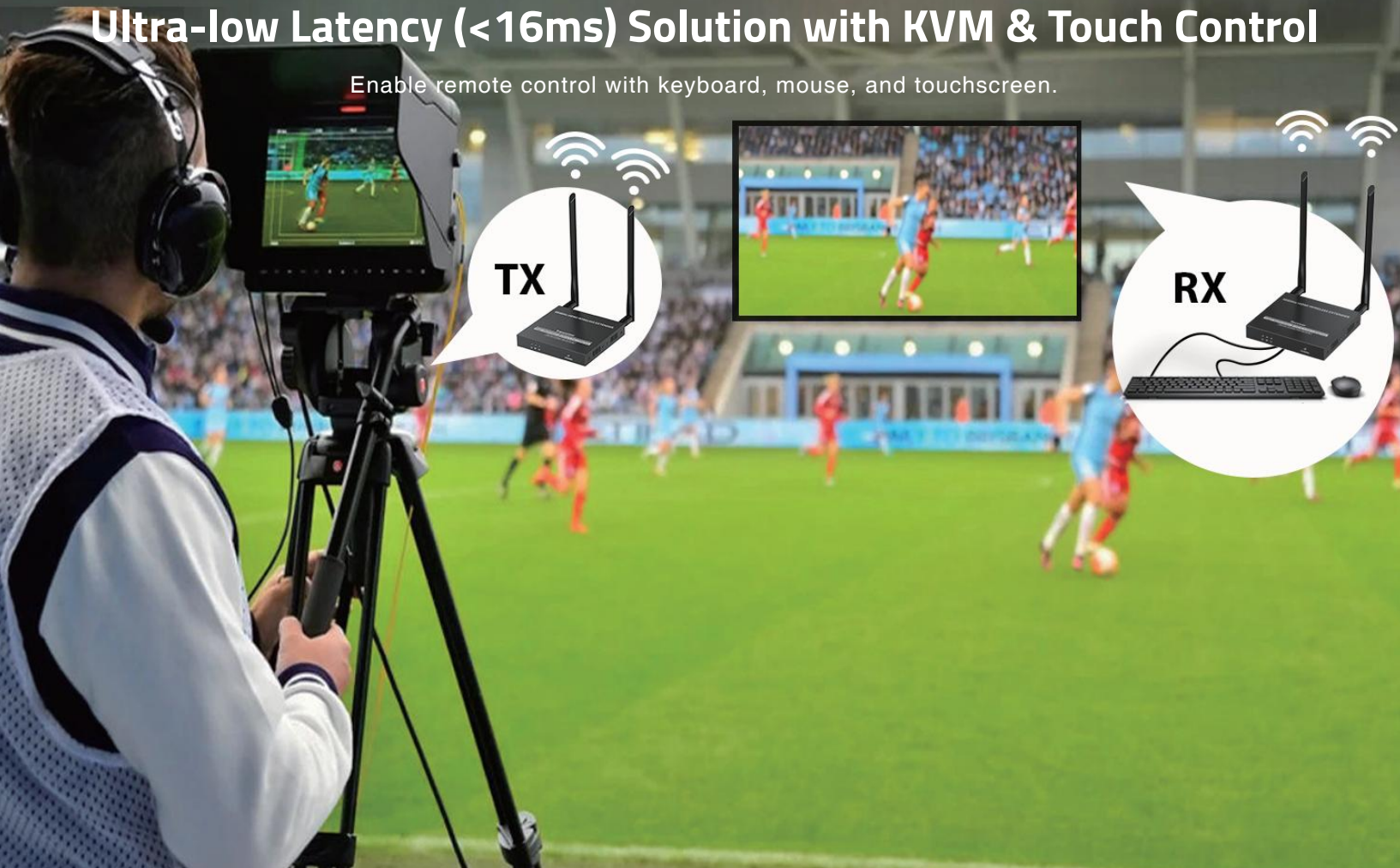
1 TX to 1 RX | 20m Max Transmission | ipcolor IMAGE Visually Lossless
4096x2160@60Hz YUV 4:4:4 | IR Pass-back | HDMI Loop-out

LKV899-KVM(Wi-Fi7)

4K 60Hz

Ultra-low Latency (<16ms) Solution with KVM & Touch Control

Enable remote control with keyboard, mouse, and touchscreen.



ipcolor IMAGE
Visually Lossless

4K

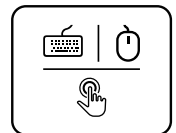
4096x2160 @
60Hz

Wi-Fi7

Wi-Fi7



20M Max



Mouse, Keyboard
Touch Screen

HDR10

HDR10



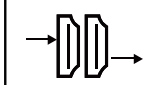
S/PDIF Digital
Audio

DOLBY
DIGITAL 5.1

Dolby Digital
5.1CH



IR Pass-back



HDMI
Loop-Out



For FAQs and more information, please visit

www.krup.cz



KRUP Ltd.

Pruhonicka 133
25101 k.z.Cestlice - Prague
Czech Republic
www.krup.cz
TEL.:+420-272088888