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Company Profile

Established in 2004, global leading UHD video transmission solutions provider.
20 years of quick growth, products are exported to more than 100 countries and regions worldwide.

The products are widely used in monitor center, rail transit, education, medical, high-tech manufacturing, conference room, home entertainment, digital signage and other areas.

The adopter of HDMI, HDCP and HDBaseT alliance, and the global strategy promoter of ipcolor technology.

Certificates and Awards

National High and New Technology Enterprise

ISO9001:2015 | HDCP | HDMI Adopter | AVIXA Membership | HDBaseT Membership |

ipcolor Strategic Promoter | BSCI Report | FCC | CE | RoHS

34

Utility Patents

11

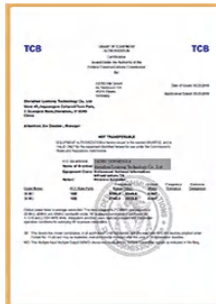
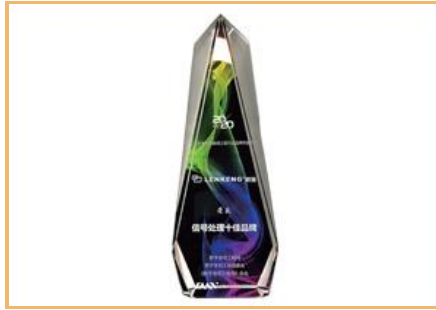
Invention Patents

23

Design Patents

19

Copyrights





01

LENKENG Professional AV Solutions

LENKENG's range of Pro-AV products (including video transmission and KVM series) provide you with a multitude of flexible integrated solutions for video-related applications. With compatibility for all current HDMI video signals such as RS-232, IR, EDID, PoE, HDCP, resolutions up to 4K, extensive audio support, and the LENKENG ipcolor exclusive technologies, we are committed to providing the ultimate visual experience to users worldwide.

VIDEO TRANSMISSION

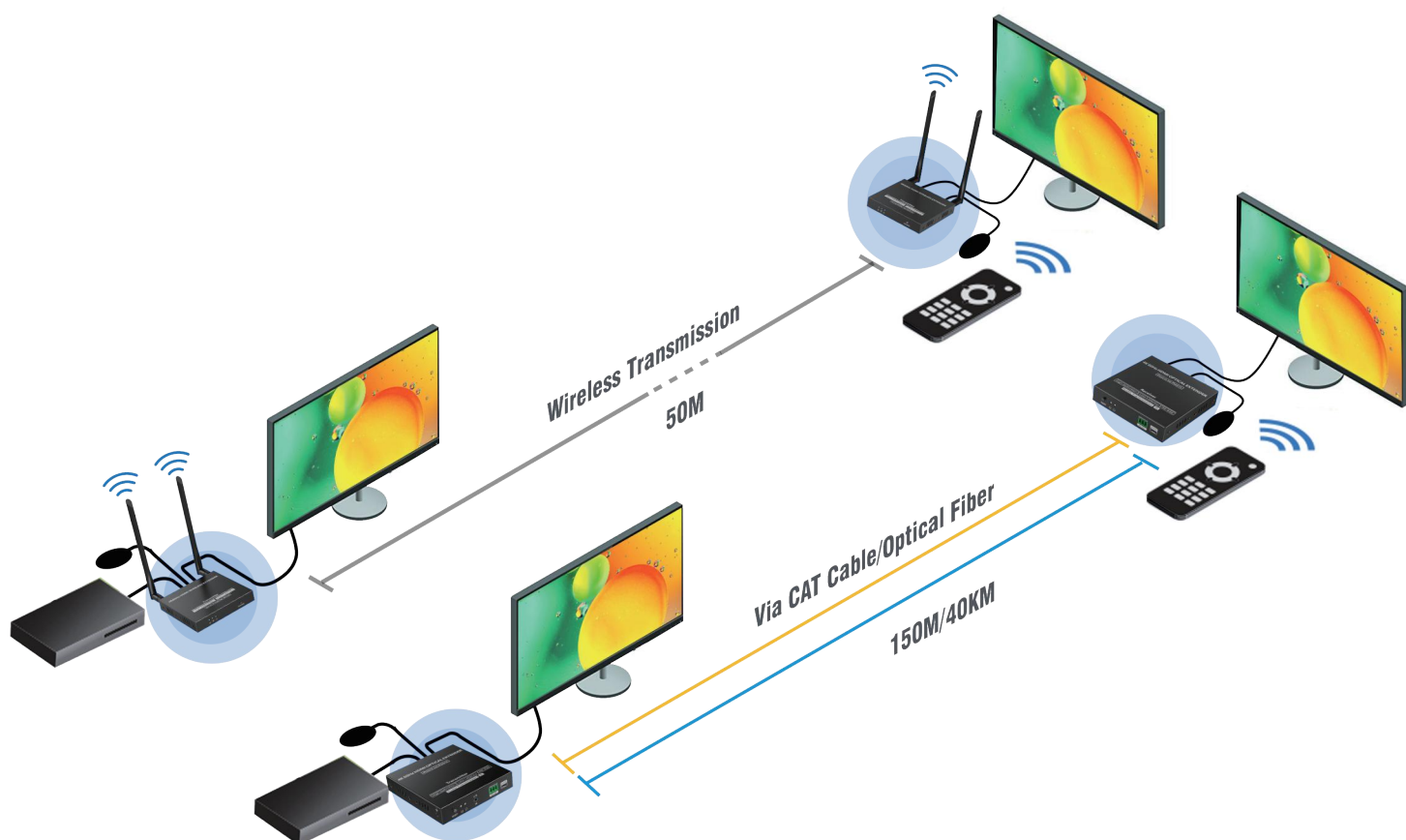
LENKENG video extenders solutions include point to point, one to many, over IP or Matrix, utilizing Ethernet cable, optical fiber or wireless signal to extend AV, RS-232, or IR signals, with zero latency as well as resistance to environmental interference.





POINT TO POINT HDMI EXTENDER

LENKENG offers a wide selection of products for extending HDCP-compliant HDMI video, audio, and control signals long distances. For larger rooms, transmitters and receivers enable HDMI signal extension of up to 150 meters over CATx cable. Fiber optic transmitters and receivers extend AV and control signals extreme distances up to 40 km over fiber optic cabling, making these extenders well suited for use within buildings and across large facilities, such as airports, stadiums, and university campuses.



HDMI Point-to-Point Extender

LKV465

4K@60Hz HDR 50M HDMI Extender over CAT6/6A/7



Features

- * Zero latency, visually lossless transmission.
- * Extend 4K@60Hz HDR HDMI signal up to 50m over Cat6/6A/7 cable.
- * With EDID pass-through, automatically matching and outputs the best display resolution, and can output 4K and 1080P signals at the same time.
- * Audio formats supported: LPCM/DTS-HD/DTS-Audio/Dolby Digital/Dolby Atmos.
- * 21:9 resolutions supported: 3440x1440、2560x1440、2560X1080、2048x1080、1920x1440.
- * Lightning Protection, Surge Protection and ESD Protection.
- * With POC function (Optional).

Zero Latency **Visually Lossless** **4K@60Hz 50m**
1080p@60Hz 70m **HDR10** **21:9 Resolutions**

LKV223

4K@30Hz 70M HDMI Extender over Cat6/6a/7



Features

- * Extends 1080P@60Hz HDR HDMI signal up to 70m over Cat6/6a/7 cable and extends 4K@30Hz signal up to 40m.
- * Zero latency transmission.
- * Bi-directional IR pass-back(20~60KHz).
- * The Transmitter supports HDMI loop-out.
- * EDID pass-through.
- * The Receiver supports 3.5mm L/R audio output.
- * Audio formats supported: LPCM, DTS-HD, DTS-Audio, Dolby Digital, Dolby Atmos.
- * Lightning protection, surge protection, ESD protection.
- * Power-over-cable (PoC) (optional).

4K@30Hz HDR **Zero Latency** **70M** **Bi-directional IR**
HDMI Loop-out **3.5mm L/R Output**

LKV372N

4K@30Hz 70M HDMI Extender over Cat6/6a/7



Features

- * Extends 1080P@60Hz HDR HDMI signal up to 70m over Cat6/6a/7 cable and extends 4K@30Hz signal up to 40m.
- * Zero latency transmission.
- * IR pass-back(20~60KHz).
- * Supports EDID pass-through.
- * Audio formats supported: PCM, LPCM, DTS HD, DTS Audio.

Zero Latency **4K@30Hz 40m** **1080p@60Hz 70m**
IR Pass-back **EDID**

LKV981

4K@60Hz Point-to-Point 40KM
HDMI Optical Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Extends 4K@60Hz HDMI signal up to 40km over LC single-mode fiber.
- * Supports IR Pass-back(20~60KHz).
- * Supports RS-232 pass-through.
- * The Transmitter supports HDMI loop-out.
- * The Transmitter supports 3.5mm L/R audio inputs; and the Receiver supports 3.5mm L/R audio output.
- * Firmware upgrading via Micro USB.
- * Lightning protection, surge protection, ESD protection.

ipcolor STREAM **40KM** **HDMI Loop-out** **RS-232**
3.5mm L/R Output

LKV651

1080P@60Hz Point-to-Point 40KM
HDMI Optical Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Extends 1920x1200/1080P@60Hz HDMI signal up to 40km over LC single-mode fiber.
- * Supports IR Pass-back(20~60KHz).
- * Supports RS-232 pass-through.
- * The Transmitter supports HDMI loop-out.
- * The Transmitter supports 3.5mm L/R audio inputs; and the Receiver supports 3.5mm L/R audio output.
- * Firmware upgrading via Micro USB.
- * Lightning protection, surge protection, ESD protection.

ipcolor STREAM **40KM** **HDMI Loop-out** **RS-232**
3.5mm L/R Output



Wireless Video Extender

LKV699

4K@60Hz 50M
HDMI Wireless Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Transmits the HDMI signal up to 50m wirelessly.
- * Supports resolution up to 4K@60Hz.
- * Supports HDMI Loop-out.
- * Supports IR pass-back(20~60KHz).
- * Strong anti-interference capability by using 5.1-5.2GHz frequency.
- * Channel switchable by pressing the channel button.
- * Supports SSID Pairing to enable multiple sets to work smoothly in the same room.
- * Lightning Protection, Surge Protection, ESD Protection.

ipcolor STREAM **4K@60Hz** **50M** **Low Latency**
HDMI Loop-out

LKV488Mini

4K@60Hz 20M Mini
HDMI Wireless Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals with low latency.
- * Transmits the HDMI signal up to 20m line of sight.
- * Supports resolution up to 4K@60Hz.
- * Strong anti-interference capability by using 5.1-5.2GHz frequency.
- * Channel Switchable by pressing the channel button.
- * Supports SSID Pairing to enable multiple sets to work smoothly in the same room.
- * Supports firmware upgrade via Micro USB port.
- * Compact design.
- * Plug and play, no software installation required.
- * Lightning Protection, Surge Protection, ESD Protection.

ipcolor STREAM **4K@60Hz** **20m Line of Sight**
Compact Design **Plug and Play**

LKV488TypeC

4K@60Hz 20M Mini
Type-C to HDMI Wireless Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals with low latency.
- * Type-C to HDMI wireless extender.
- * Transmits the HDMI signal up to 20m line of sight.
- * Supports resolution up to 4K@60Hz.
- * Strong anti-interference capability by using 5.1-5.2GHz frequency.
- * Channel Switchable by pressing the channel button.
- * Supports SSID Pairing to enable multiple sets to work smoothly in the same room.
- * Compact design.
- * Plug and play, no software installation required.
- * Lightning Protection, Surge Protection, ESD Protection.

ipcolor STREAM **4K@60Hz** **20m Line of Sight**
Compact Design **Plug and Play**

LKV677

4K@30Hz 50M
HDMI Wireless Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Transmits the HDMI signal up to 50m wirelessly.
- * Supports resolution up to 4K@30Hz.
- * Supports HDMI Loop-out.
- * Supports IR pass-back(20~60KHz).
- * Strong anti-interference capability by using 5.1-5.2GHz frequency.
- * Channel switchable by pressing the channel button.
- * Supports SSID Pairing to enable multiple sets to work smoothly in the same room.
- * Lightning Protection, Surge Protection, ESD Protection.

ipcolor STREAM

4K@30Hz

50M

Low Latency

HDMI Loop-out

LKV477Mini

4K@30Hz 20M Mini
HDMI Wireless Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals with low latency.
- * Transmits the HDMI signal up to 20m line of sight.
- * Supports resolution up to 4K@30Hz.
- * Strong anti-interference capability by using 5.1-5.2GHz frequency.
- * Channel Switchable by pressing the channel button.
- * Supports SSID Pairing to enable multiple sets to work smoothly in the same room.
- * Supports firmware upgrade via Micro USB port.
- * Compact design.
- * Plug and play, no software installation required.
- * Lightning Protection, Surge Protection, ESD Protection.

ipcolor STREAM

4K@30Hz

20m Line of Sight

Compact Design

Plug and Play

LKV477TypeC

4K@30Hz 20M Mini
Type-C to HDMI Wireless Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals with low latency.
- * Type-C to HDMI wireless extender.
- * Transmits the HDMI signal up to 20m line of sight.
- * Supports resolution up to 4K@30Hz.
- * Strong anti-interference capability by using 5.1-5.2GHz frequency.
- * Channel Switchable by pressing the channel button.
- * Supports SSID Pairing to enable multiple sets to work smoothly in the same room.
- * Compact design.
- * Plug and play, no software installation required.
- * Lightning Protection, Surge Protection, ESD Protection.

ipcolor STREAM

4K@30Hz

20m Line of Sight

Compact Design

Plug and Play

Wireless Video Extender

LKV655

1080P@60Hz 50M HDMI

Wireless Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Transmits the HDMI signal up to 50m wirelessly.
- * Supports resolution up to 1080P@60Hz.
- * Supports HDMI Loop-out.
- * Supports IR pass-back(20~60KHz).
- * Strong anti-interference capability by using 5.1-5.2GHz frequency.
- * Channel switchable by pressing the channel button.
- * Supports SSID Pairing to enable multiple sets to work smoothly in the same room.
- * Lightning Protection, Surge Protection, ESD Protection.

ipcolor STREAM

1080P@60Hz

50M

Low Latency

HDMI Loop-out

LKV455Mini

20M Mini HDMI Wireless Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals with low latency.
- * Transmits the HDMI signal up to 20m line of sight.
- * Supports resolution up to 1080P@60Hz.
- * Strong anti-interference capability by using 5.1-5.2GHz frequency.
- * Channel Switchable by pressing the channel button.
- * Supports SSID Pairing to enable multiple sets to work smoothly in the same room.
- * Supports firmware upgrade via Micro USB port.
- * Compact design.
- * Plug and play, no software installation required.
- * Lightning Protection, Surge Protection, ESD Protection.

ipcolor STREAM

1080P@60Hz

20m Line of Sight

Compact Design

Plug and Play

LKV455TypeC

20M Mini Type-C to HDMI

Wireless Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals with low latency.
- * Type-C to HDMI wireless extender.
- * Transmits the HDMI signal up to 20m line of sight.
- * Supports resolution up to 1080P@60Hz.
- * Strong anti-interference capability by using 5.1-5.2GHz frequency.
- * Channel Switchable by pressing the channel button.
- * Supports SSID Pairing to enable multiple sets to work smoothly in the same room.
- * Compact design.
- * Plug and play, no software installation required.
- * Lightning Protection, Surge Protection, ESD Protection.

ipcolor STREAM

1080P@60Hz

20m Line of Sight

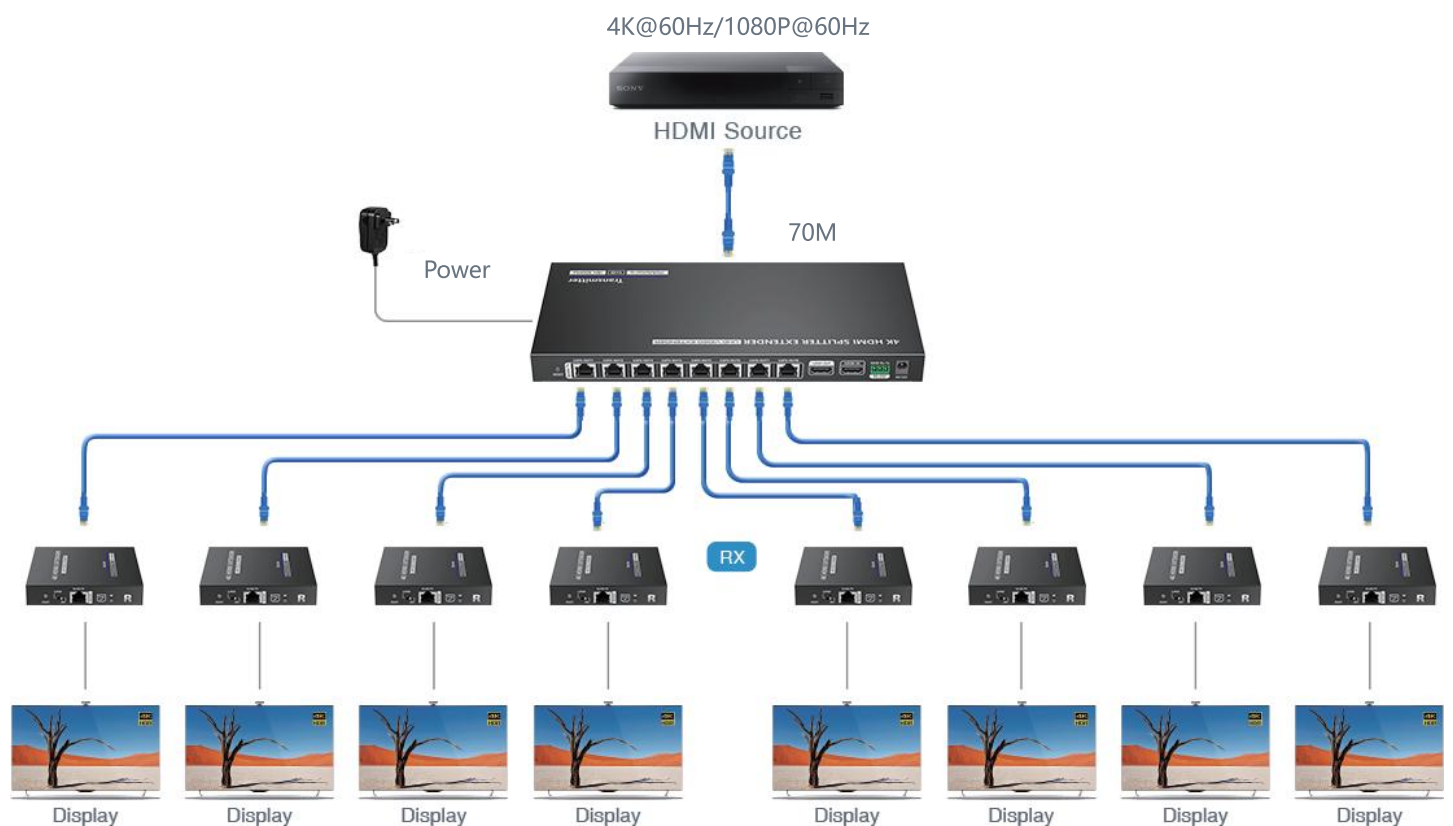
Compact Design

Plug and Play



ONE TO MANY HDMI EXTENDER

LENKENG HDMI Splitter Extenders take a single HDMI input and sends the signal over Cat 5e / 6 / 7 cables to multiple separated locations.



HDMI Extender Splitter over CAT Cable

LKV822-I | LKV824-I | LKV828-I

4K@60Hz HDMI Extender Splitter
1x2 / 1x4 / 1x8



Features

- * Built on ipcolor IMAGE™ technology to deliver visually-lossless AV signals across long distances with zero latency.
- * Splits and extends one HDMI input signal to 2 / 4 / 8 identical network output signals.
- * Extends 4K@60Hz HDMI signal up to 70m over Cat6/6a/7 cable
- * Supports bi-directional IR pass-back(20~60KHz).
- * The Transmitter supports HDMI Loop-out.
- * Supports setting the EDID of the product.
- * Supports RS-232 command control.
- * Surge Protection, Lightning Protection, ESD Protection.
- * Equipped with rack mount ears.
- * With PoC function(optional).

ipcolor IMAGE **4K@60Hz** **1x2** **1x4** **1x8** **70m**
Bi-directional IR **HDMI Loop-out** **EDID Switch**
RS-232

LKV722 | LKV724 | LKV728

4K@30Hz HDMI Extender Splitter
1x2 / 1x4 / 1x8



Features

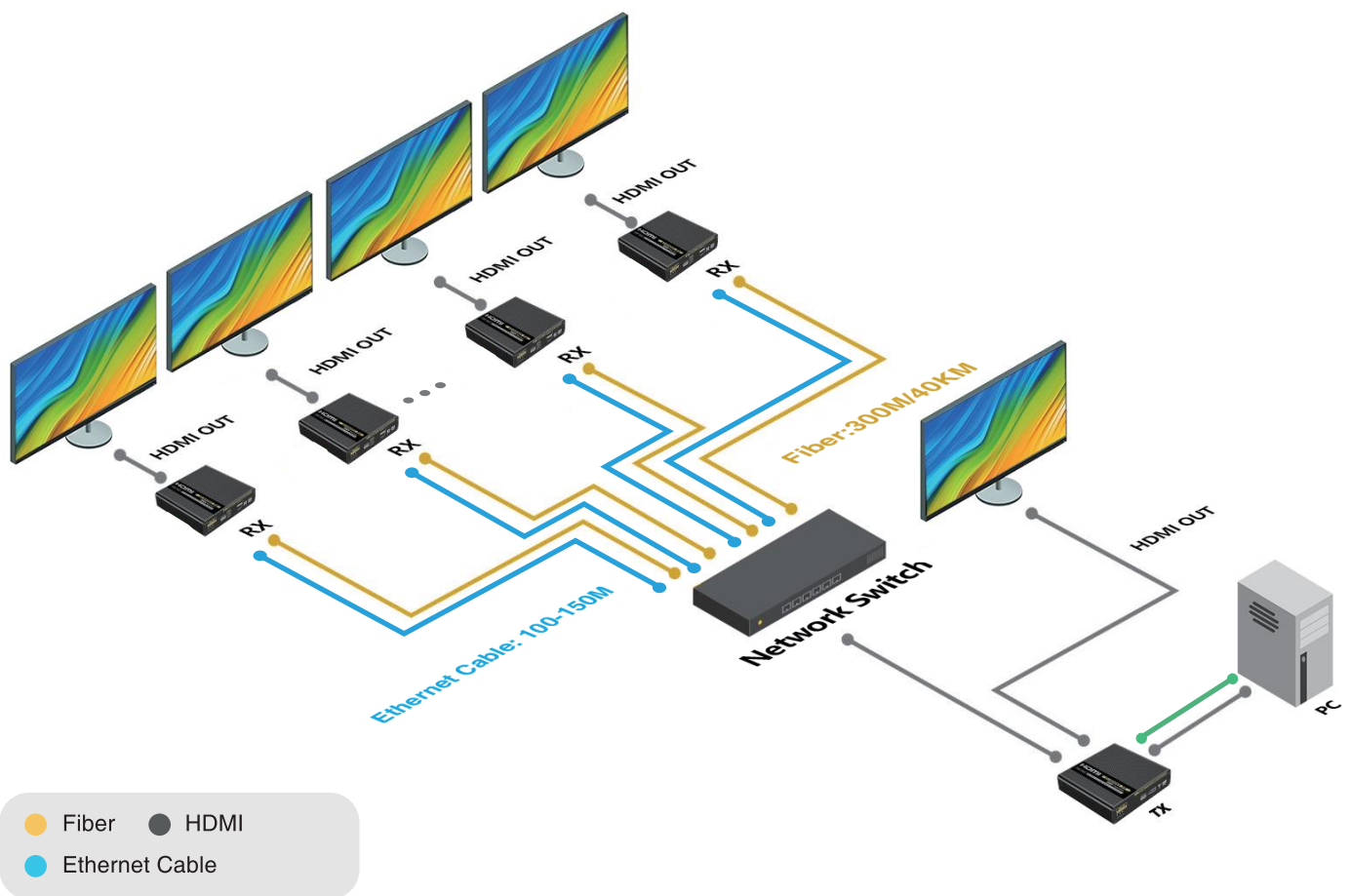
- * Built on ipcolor IMAGE™ technology to deliver visually-lossless AV signals across long distances with zero latency.
- * Splits and extends one HDMI input signal to 2 / 4 / 8 identical network output signals.
- * Extends 1080P@60Hz HDMI signal up to 70m over Cat6/6a/7 cable and extends 4K@30Hz signal up to 40m.
- * Supports bi-directional IR pass-back(20~60KHz).
- * The Transmitter supports HDMI Loop-out.
- * Supports RS-232 command control.
- * Surge Protection, Lightning Protection, ESD Protection.
- * Equipped with rack mount ears.
- * With PoC function(optional).

4K@60Hz **1x2** **1x4** **1x8** **70m** **Bi-directional IR**
RS-232 **HDMI Loop-out**



ONE TO MANY OVER IP

Distribute video, audio, and Ethernet with ultra-low latency over standard 1 and 10 Gbps IP networks at exceptionally low bit rates. Utilizing LENKENG's ipcolor technology, the one to many over IP solution delivers groundbreaking performance with real-time, lossless video at resolutions up to 4K @ 60 Hz with 4:4:4 chroma sampling and ultra-low latency.



Note: it can realize switched cascading connection.

HDMI over IP Extender

LKV593

4K@60Hz Uncompressed 80M
HDMI over IP Extender



Features

- * Built on ipcolor PIXEL™ technology to deliver uncompressed AV signals across long distances with ultra-low latency.
- * Extends 4K@60Hz HDMI signal up to 80m.
- * Supports one-to-many connection through the 10Gb switch, and switches cascading.
- * Bi-directional IR pass-back(20~60KHz).
- * RS-232 pass-through and command control.
- * Supports HDMI ARC.
- * Supports EDID pass-back.
- * The Receiver can output the source audio additionally through the S/PDIF port.
- * The Transmitter supports HDMI loop-out.
- * Lightning protection, surge protection, ESD protection.

ipcolor PIXEL **4K@60Hz HDR** **Ultra-low latency**
80M **Uncompressed**

LKV592N

4K@60Hz Visually Lossless 120M
HDMI over IP Extender



Features

- * Built on ipcolor IMAGE™ technology to deliver visually-lossless AV signals across long distances with ultra-low latency.
- * Extends 4K@60Hz(4096x2160@60Hz) HDR HDMI signal up to 120m over by Cat6/6a/7 cable.
- * Supports one-to-many connection through the 1 Gb switch, and switches cascading.
- * The Receiver can output the source audio additionally through the S/PDIF port.
- * Audio formats supported: LPCM7.1, DTS-HD, DTS-Audio, Dolby Digital Plus, Dolby TrueHD, Dolby Digital, Dolby Atmos.

ipcolor IMAGE **4K@60Hz HDR** **Visually Lossless**
Ultra-low latency **Bi-directional IR Pass-back**

LKV582

4K@60Hz 120M
HDMI over IP Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Supports resolution up to 4K@60Hz, downwards compatible.
- * Transmission distance up to 120m over Cat6/6a/7 cable, 100m over Cat5e cable, 80m over Cat5 cable.
- * Supports HDR10.
- * IR pass-back(20~60KHz).
- * Supports RS-232 pass-through.
- * The Transmitter supports HDMI loop-out.
- * The Transmitter supports 3.5mm L/R audio inputs; and the Receiver supports 3.5mm L/R audio output.
- * Supports one-to-many connection through the gigabit switch, and switches cascading.
- * Lightning protection, surge protection, ESD protection.

ipcolor STREAM **120M** **HDMI Loop-out** **RS-232**

LKV562Pro

1080P@60Hz Uncompressed 150M
HDMI over IP Extender



Features

- * Built on ipcolor PIXEL™ technology to deliver uncompressed AV signals across long distances with ultra-low latency.
- * Supports 1080P@60Hz/1920x1200 HDR, downwards compatible.
- * Transmission distance up to 150m over Cat6 cable, 100m over Cat5e cable, 80m over Cat5 cable.
- * Supports bi-directional IR Pass-back(20~60KHz).
- * Supports RS-232 pass-through.
- * The Transmitter supports HDMI loop-out.
- * The Transmitter supports 3.5mm L/R audio inputs; and the Receiver supports 3.5mm L/R audio and S/PDIF audio output.
- * Supports one-to-many connection through the gigabit switch, and switches cascading.
- * Lightning protection, surge protection, ESD protection.

ipcolor PIXEL **1920x1200** **HDR** **150M** **IR Pass-back**
Audio Embedding and Extraction

LKV552Pro

1080P@60Hz 120M
HDMI over IP Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Extends 1080P@60Hz/1920x1200 HDMI signal up to 120m over by Cat6/6a/7 cable.
- * Supports IR Pass-back(20~60KHz).
- * Supports RS-232 pass-through.
- * The Transmitter supports HDMI loop-out.
- * Supports one-to-many connection through the gigabit switch, and switches cascading.
- * Lightning protection, surge protection, ESD protection.

ipcolor STREAM **1920x1200** **120M** **IR Pass-back**
HDMI Loop-out **RS-232**

HDMI over IP Optical Extender

LKV993

4K@60Hz HDR Uncompressed
HDMI over IP Optical Extender



Features

- * Built on ipcolor PIXEL™ technology to deliver uncompressed AV signals across long distances with ultra-low latency.
- * Extends 4K@60Hz HDR HDMI signal up to 40km over LC single-mode fiber.
- * Supports one-to-many connection through the 10Gb switch, and switches cascading.
- * Bi-directional IR pass-back(20~60KHz).
- * Support HDMI ARC and CEC.
- * RS-232 pass-through and command control.
- * The Receiver can output the source audio additionally through the S/PDIF port.
- * The Transmitter supports HDMI loop-out.
- * Lightning protection, surge protection, ESD protection.

ipcolor PIXEL 4K@60Hz HDR Ultra-low Latency
40KM Uncompressed

LKV892

4K@60Hz HDR Visually Lossless
HDMI over IP Optical Extender



Features

- * Built on ipcolor IMAGE™ technology to deliver visually-lossless AV signals across long distances with ultra-low latency.
- * Extends 4K@60Hz(4090x2160@60Hz) HDR HDMI signal up to 40km over LC single-mode fiber.
- * Supports one-to-many connection through the 1Gb switch, and switches cascading.
- * The Receiver can output the source audio additionally through the S/PDIF port.
- * Audio formats supported: LPCM7.1, DTS-HD, DTS-Audio, Dolby Digital Plus, Dolby TrueHD, Dolby Digital, Dolby Atmos.

ipcolor IMAGE 4090x2160@60Hz Visually Lossless
Ultra-low latency HDR

LKV982

4K@60Hz 40KM
HDMI over IP Optical Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Supports 4K@60Hz, downwards compatible.
- * Transmission distance up to 40km via single-mode optical fiber.
- * Supports IR pass-back(20~60KHz).
- * Supports RS-232 pass-through.
- * The Transmitter supports HDMI loop-out.
- * Supports 3.5mm L/R audio input and output.
- * Supports one-to-many connection through the gigabit switch, and switches cascading.
- * Lightning protection, surge protection, ESD protection.

ipcolor STREAM 4K@60Hz HDMI Loop-out RS-232
40KM

LKV762

1080P@60Hz HDR Uncompressed
HDMI over IP Optical Extender



Features

- * Built on ipcolor PIXEL™ technology to deliver uncompressed AV signals across long distances with ultra-low latency.
- * Supports 1920x1200/1080P@60Hz HDR, downwards compatible.
- * Transmission distance up to 40km via single-mode optical fiber.
- * IR pass-back(20~60KHz).
- * EDID pass-back.
- * RS-232 pass-through.
- * The Transmitter supports HDMI loop-out.
- * The Transmitter supports 3.5mm L/R audio inputs; and the Receiver supports 3.5mm L/R audio and S/PDIF audio output.
- * Supports one-to-many connection through the gigabit switch, and switches cascading.
- * Lightning protection, surge protection, ESD protection.

ipcolor PIXEL **1920x1200** **HDR** **IR Pass-back**
Audio Embedding and Extraction

LKV652

1080P@60Hz 40KM
HDMI over IP Optical Extender



Features

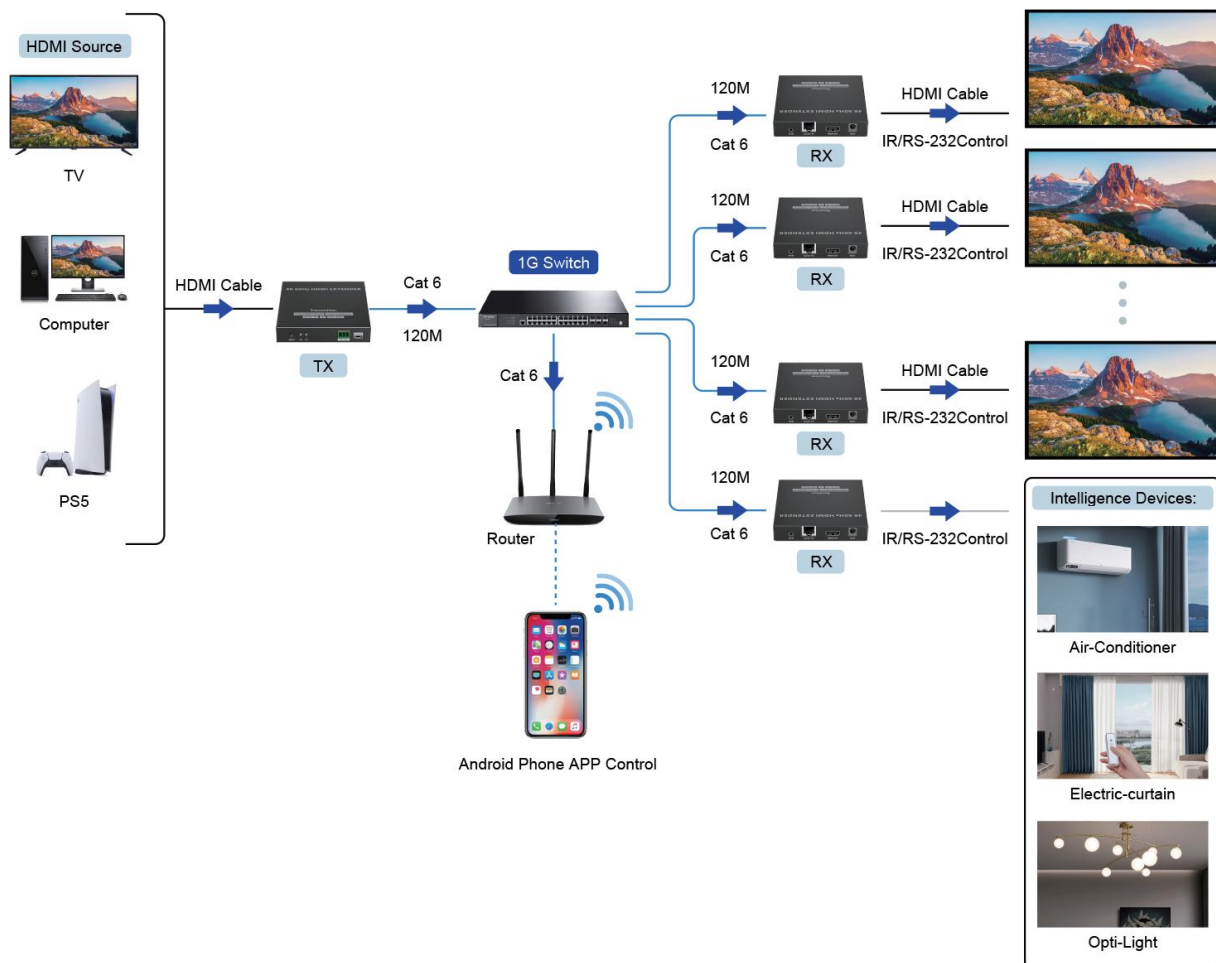
- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Extends 1920x1200/1080P@60Hz HDMI signal up to 40km over LC single-mode fiber.
- * IR Pass-back(20~60KHz).
- * RS-232 pass-through.
- * The Transmitter supports HDMI loop-out.
- * The Transmitter supports 3.5mm L/R audio inputs; and the Receiver supports 3.5mm L/R audio output.
- * Supports one-to-many connection through the gigabit switch, and switches cascading.
- * Lightning protection, surge protection, ESD protection.

ipcolor STREAM **1920x1200** **IR Pass-back**
3.5mm L/R Output **HDMI Loop-out** **RS-232**



ONE TO MANY OVER IP WITH CONTROL APP

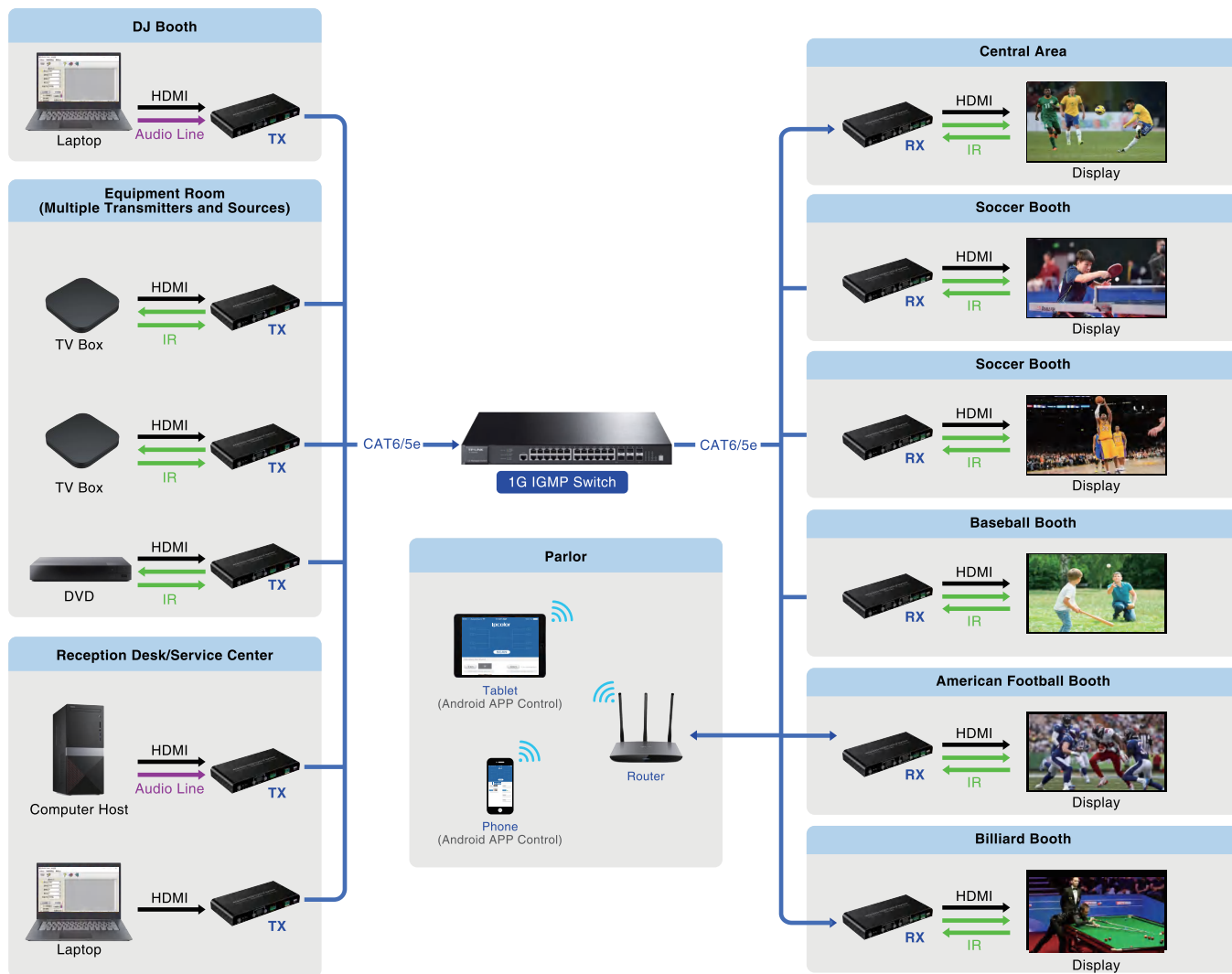
LENKENG's point-to-multipoint extension kit coupled with its Control App, gives complete mobility, intuitive control, and more power to users to manage networked AV systems effortlessly.





MATRIX (MANY TO MANY)

Route a wide range of video, audio, and high resolution signals from multiple sources to multiple destinations.



HDMI over IP Matrix

LKV582Matrix

4K@60Hz 120M
HDMI over 1G IP Matrix



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Supports resolution up to 4K@60Hz, and downwards compatible.
- * Extension distance can be up to 120m over a Cat6/6a/7 cable, 100m over a CAT5e cable.
- * The Transmitter supports HDMI loop-out.
- * Supports power supply by PoE (Optional).
- * Bi-directional IR pass-back(20~60KHz).
- * Features RS-232 pass-through, and can control external device by Android APP.
- * With audio embedding and extraction, 3.5mm L/R audio input in Transmitter and 3.5mm L/R audio output in Receiver.
- * Supports one-to-one and switches cascading connection, also supports one-to-many and many to many connection through IGMP gigabit switch, also supports switches cascading connection.

ipcolor STREAM **APP Control** **4K@60Hz 120M** **HDMI loop-out**
IR Pass-back **Many-to-Many**

LKV552Matrix

1080P@60Hz 120M
HDMI over 1G IP Matrix



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Adopts latest ipcolor STREAM transmission technology to realize light compression of original signals with low latency.
- * Supports resolution up to 1080P@60Hz, and downwards compatible.
- * Extension distance can be up to 120m over a Cat6/6a/7 cable, 100m over a CAT5e cable.
- * The Transmitter supports HDMI loop-out.
- * Supports power supply by PoE (Optional).
- * Bi-directional IR pass-back(20~60KHz).
- * Features RS-232 pass-through, and can control external device by Android APP.
- * With audio embedding and extraction, 3.5mm L/R audio input in Transmitter and 3.5mm L/R audio output in Receiver.
- * Supports one-to-one and switches cascading connection, also supports one-to-many and many to many connection through IGMP gigabit switch, also supports switches cascading connection.

ipcolor STREAM **APP Control** **120M** **HDMI loop-out**
IR Pass-back **Many-to-Many**

HDMI Matrix Extender

LKV844

4X4 4K@60Hz HDMI Matrix Extender



Features

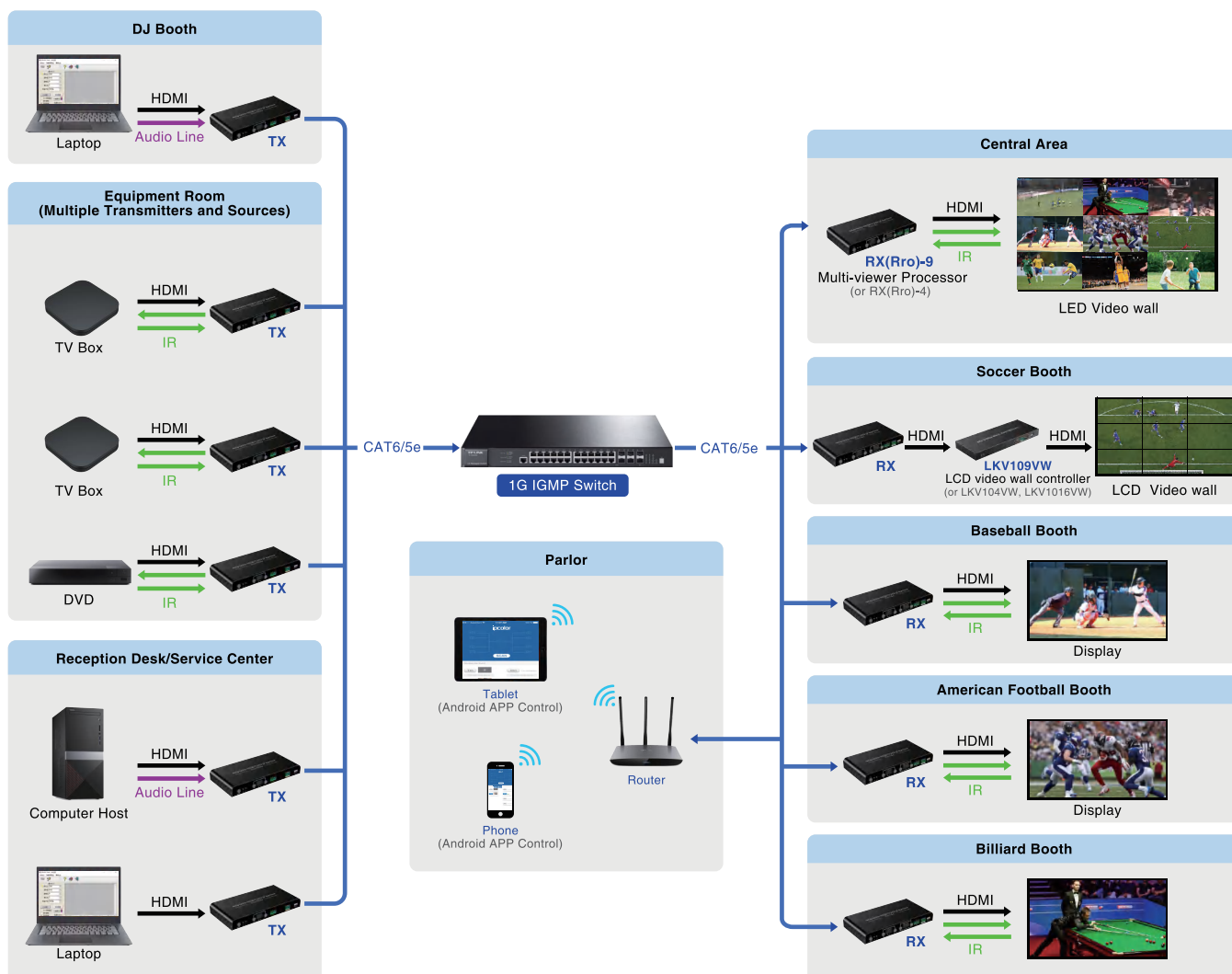
- * Supports resolution up to 4K@60Hz.
- * Supports 4 HDMI inputs and 4 HDMI loop-out.
- * Supports 4 HDMI outputs and the transmission distance is up to 70m.
- * The Receiver can extract the digital audio from the Transmitter through the S/PDIF port.
- * Supports IR pass-back (20~60kHz).
- * Supports PoC, only the Transmitter needs to be plugged in.
- * Supports intelligent EDID management.
- * Supports button control, remote control, Ethernet control and RS-232 control.
- * Lightning protection, surge protection, ESD protection.
- * With PoC function(Optional).

4X4 **4K@60Hz** **70M** **HDMI Loop-out** **EDID** **RS-232**



MATRIX WITH VIDEO WALL

LENKENG HDMI Video Matrix with video wall controllers allow users to display multiple video signals simultaneously on a single screen. Each window can be independently scaled, positioned, or overlapped. These solutions are useful for videoconferencing, command and control applications, distance learning, and more.



HDMI Video Wall Controller

LKV104VW

1x4 1080P@60Hz HDMI Video Wall Controller



Features

- * Supports 1 way HDMI signal input, 4 ways HDMI signals output.
- * Both the HDMI input and output support up to 1920x1200@60Hz (1920x1080@60Hz included) display.
- * Multiple display modes: 1x1/1x2/1x3/1x4/2x2, etc.
- * Features 180-degree image rotation to reduce LCD splicing gap (only available when using 2x2 mode.)
- * Supports RS-232 control and dip switch to switch display modes.
- * Supports 3.5mm L/R audio output.
- * Lightning protection, surge protection, ESD protection.
- * Plug and play, easy to use.

1080P@60Hz **RS-232 Control** **3.5mm L/R Output**
Plug and Play

LKV109VW

1x9 4K@60Hz HDMI Video Wall Controller



Features

- * Supports 1 way HDMI signal input, 9 ways HDMI signals output.
- * Supports input resolution up to 4K@60Hz and output resolution support up to 1920x1200@60Hz (1920x1080@60Hz included) display, backwards compatible.
- * Multiple display modes: 1x1/1x2/2x1/1x3/3x1/1x4/4x1/2x2/2x3/3x2/2x4/4x2/3x3, etc., realizing 2X6 / 4X4 via switch cascading.
- * Features 180-degree image rotation to reduce LCD splicing gap (only available when using 2x2/2x3/2x4 modes.)
- * Supports RS-232 control and dip switch to switch display modes.
- * Supports 3.5mm L/R audio and S/PDIF audio output.
- * Lightning protection, surge protection, ESD protection.
- * Plug and play, easy to use.

4K@60Hz **1x9** **1920x1200** **RS-232 Control**
3.5mm L/R Output **S/PDIF Audio** **Plug and Play**

LKV1016VW

1x16 4K@60Hz HDMI Video Wall Controller



Features

- * Supports 1 way HDMI signal input, 16 ways HDMI signals output.
- * Supports input resolution up to 4K@60Hz and output resolution support up to 1920x1200@60Hz (1920x1080@60Hz included) display, backwards compatible.
- * Multiple display modes: 1x1/1x2/2x1/1x3/3x1/1x4/4x1/2x2/2x3/3x2/2x4/4x2/4x3/4x4/3x3, etc., realizing 2X6 / 4X4 via switch cascading.
- * Features 180-degree image rotation to reduce LCD splicing gap (only available when using 2x2/2x3/2x4 modes.)
- * With RS-232 control and dip switch to switch display modes.
- * The Receiver supports 3.5mm L/R audio and S/PDIF audio output.
- * Lightning protection, surge protection, ESD protection.
- * Plug and play, easy to use.

4K@60Hz **1x16** **1920x1200** **RS-232 Control**
3.5mm L/R Output **S/PDIF Audio** **Plug and Play**



KVM SERIES

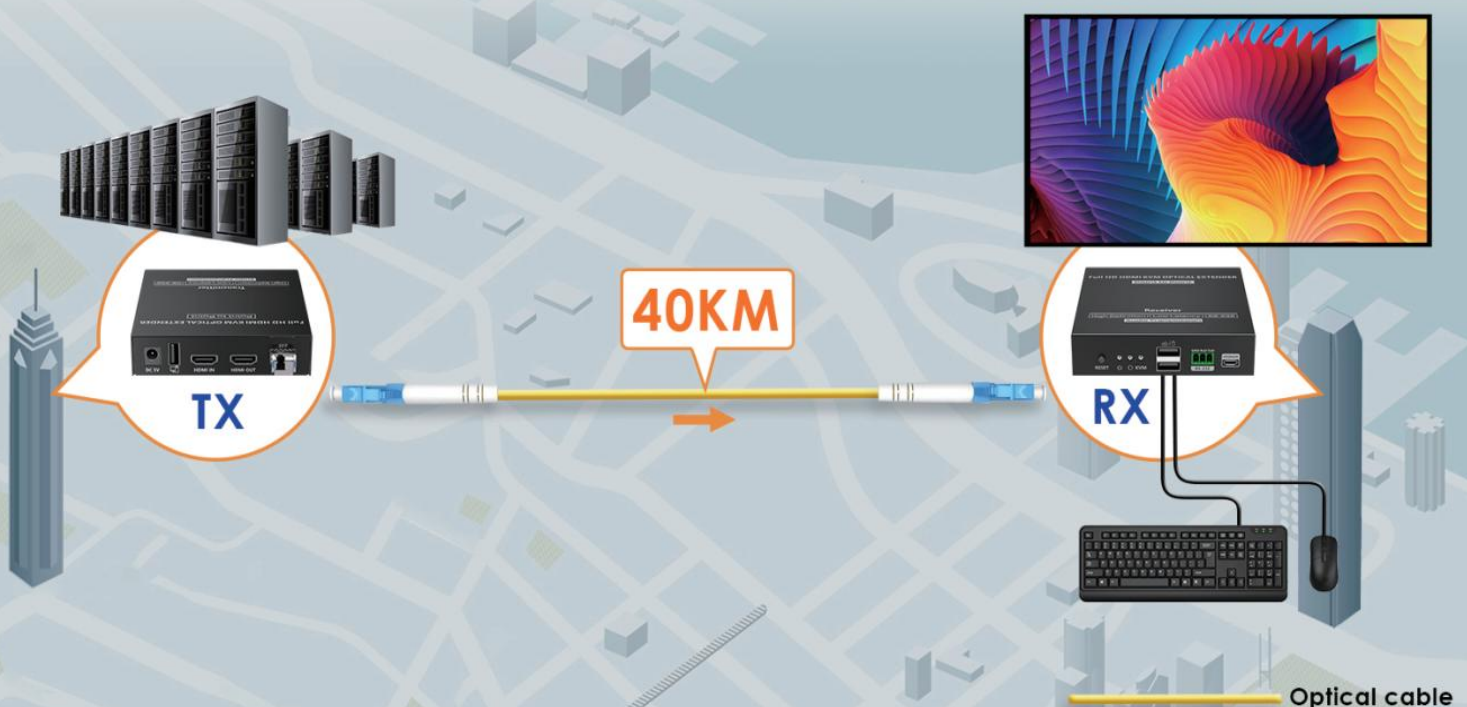
LENKENG KVM solutions are designed for transmitting keyboard and mouse data via network cable, easy to control destination screens remotely, also extending HDMI video signal and IR, EDID, RS-232 signals, the highest resolution is up to 4K@60Hz.





POINT-TO-POINT KVM

The LENKENG Point-to-Point KVM Extender provides the most reliable long-distance transmission of video, audio, USB and RS-232 signals available on the market. Ideal for applications where convenient remote access at up to 70 meters is required, such as transportation and security control centers, medical facilities, and extended workstations.



Note: It also supports 300 meters transmission over multi-mode optical cable.

LKV565KVM

4K@60Hz HDR 70M HDMI
KVM Extender



Features

- * Built on ipcolor IMAGE™ technology to deliver visually-lossless AV signals across long distances with ultra-low latency.
- * Extends 4K@60Hz HDR signals up to 70m from the source over a single Cat6/6a/7 cable.
- * Supports EDID pass-through and auto down-scaling.
- * The Transmitter supports HDMI loop-out.
- * The Receiver supports 3.5mm L/R audio output.
- * Audio formats supported: LPCM/DTS-HD, DTS-Audio, Dolby Digital, Dolby Atmos.
- * Lightning protection, surge protection, ESD protection, and grounding protection.
- * Ultra widescreen resolutions supported: 3440x1440, 2560x1440, 2560x1080, 2048x1080, 1920x1440, 1920x1200.

ipcolor IMAGE **4K@60Hz HDR** **70M** **Zero Latency**
HDMI Loop-out **3.5mm L/R Output** **EDID**

LKV223KVM

1080P@60Hz HDR 70M HDMI
KVM Extender



Features

- * Extends 1080P@60Hz HDR HDMI signal up to 70m over Cat6/6a/7 cable, and extends 4K@30Hz signal up to 40m.
- * Zero latency transmission.
- * The Transmitter supports HDMI loop-out.
- * Supports EDID pass-through.
- * The Receiver supports 3.5mm L/R audio output.
- * Audio formats supported: PCM, LPCM, DTS HD, DTS Audio.
- * Supports KVM function, remote control conveniently
- * Lightning protection, surge protection, ESD protection.

1080P@60Hz 70M **4K@30Hz 40M** **HDR** **EDID**
Zero Latency **HDMI Loop-out** **3.5mm L/R Output**

LKV372KVM

1080P@60Hz HDR 70M HDMI
KVM Extender



Features

- * Zero latency.
- * Extends 1080P@60Hz HDR HDMI signal up to 70m over Cat6/6a/7 cable, and extends 4K@30Hz signal up to 40m.
- * Support HDR10.
- * Supports KVM function, remote control conveniently
- * Lighting protection, surge protection, ESD protection.
- * Automatically adjusts parameters to match different Cat cables and achieve the best display performance.

1080P@60Hz 70M **4K@30Hz 40M** **HDR** **Zero Latency**

HDMI Point-to-Point KVM Extender

LKV981KVM

4K@60Hz Point to Point
HDMI Optical KVM Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Extends 4K@60Hz HDMI signal up to 40km over LC single-mode fiber.
- * Supports IR Pass-back(20~60KHz).
- * Supports RS-232 pass-through.
- * The Transmitter supports HDMI loop-out.
- * The Transmitter supports 3.5mm L/R audio inputs; and the Receiver supports 3.5mm L/R audio output.
- * Supports KVM function, remote control conveniently
- * Firmware upgrading via Micro USB.
- * Lightning protection, surge protection, ESD protection.

ipcolor STREAM **4K@60Hz** **40KM** **HDMI Loop-out**
RS-232 **3.5mm L/R Audio**

LKV651KVM

1080P@60Hz Point to Point
HDMI Optical KVM Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Extends 1920x1200/1080P@60Hz HDMI signal up to 40km over LC single-mode fiber.
- * Supports RS-232 pass-through.
- * The Transmitter supports HDMI loop-out.
- * The Transmitter supports 3.5mm L/R audio inputs; and the Receiver supports 3.5mm L/R audio output.
- * Supports KVM function, remote control conveniently
- * Firmware upgrading via Micro USB.
- * Lightning protection, surge protection, ESD protection.

ipcolor STREAM **1920x1200** **40KM** **HDMI Loop-out**
RS-232 **3.5mm L/R Audio**

LKV699KVM

4K@60Hz HDMI Wireless KVM Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Transmits the HDMI signal up to 50m wirelessly.
- * Supports resolution up to 4K@60Hz.
- * The Transmitter supports HDMI loop-out.
- * Supports bi-directional IR pass-back(20~60KHz).
- * Strong anti-interference capability over 5.1-5.8GHz frequency.
- * Channel switchable by pressing the channel button.
- * Supports SSID Pairing to enable multiple sets to work smoothly in the same room.
- * Supports KVM function, remote control conveniently
- * Lightning protection, surge protection, ESD protection.

ipcolor STREAM **4K@60Hz** **50M** **HDMI Loop-out**
Bi-directional IR

LKV677KVM

4K@30Hz HDMI Wireless KVM Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Transmits the HDMI signal up to 50m wirelessly.
- * Supports resolution up to 4K@30Hz.
- * The Transmitter supports HDMI loop-out.
- * Supports IR pass-back(20~60KHz).
- * Strong anti-interference capability over 5.1-5.8GHz frequency.
- * Channel switchable by pressing the channel button.
- * Supports SSID Pairing to enable multiple sets to work smoothly in the same room.
- * Supports KVM function, remote control conveniently
- * Lightning protection, surge protection, ESD protection.

ipcolor STREAM **4K@30Hz** **50M** **HDMI Loop-out**
IR Pass-back

LKV655KVM

1080p@60Hz HDMI Wireless KVM Extender



Features

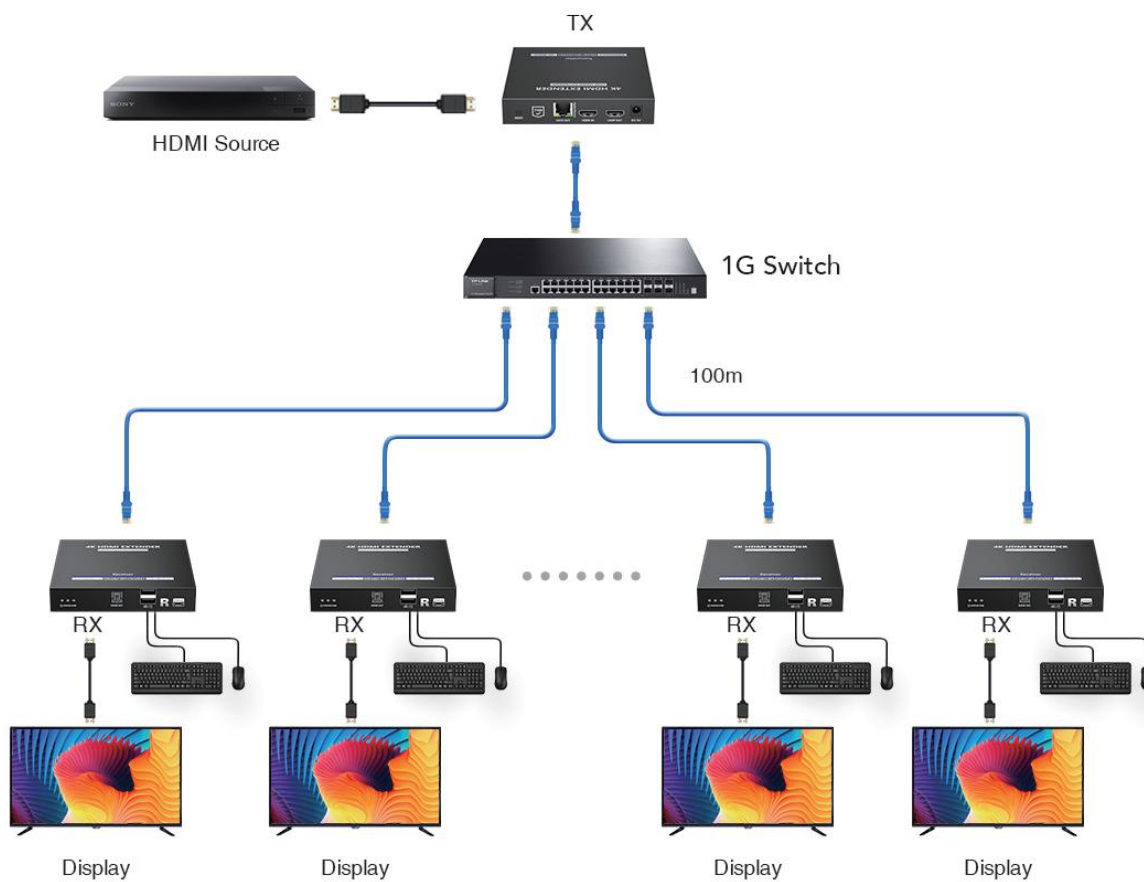
- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Transmits the HDMI signal up to 50m wirelessly.
- * Supports resolution up to 1080P@60Hz.
- * The Transmitter supports HDMI loop-out.
- * Supports IR pass-back(20~60KHz).
- * Strong anti-interference capability over 5.1-5.8GHz frequency.
- * Channel switchable by pressing the channel button.
- * Supports SSID Pairing to enable multiple sets to work smoothly in the same room.
- * Supports KVM function, remote control conveniently
- * Lightning protection, surge protection, ESD protection.

ipcolor STREAM **1080P@60Hz** **50M** **HDMI Loop-out**
IR Pass-back



OVER IP KVM

Eliminates the distance restrictions of control room management; enables a faster response to mission-critical data center emergencies.



LKV593KVM

4K@60Hz Uncompressed 80M
HDMI over IP KVM Extender



Features

- * Built on ipcolor PIXEL™ technology to deliver uncompressed AV signals across long distances with ultra-low latency.
- * Extends 4K@60Hz HDMI signal up to 80m.
- * Supports one-to-many connection through the 10Gb switch, and switches cascading.
- * Bi-directional IR pass-back(20~60KHz).
- * Supports HDMI ARC.
- * Supports EDID pass-back.
- * RS-232 pass-through and command control.
- * The Receiver can output the source audio additionally through the S/PDIF port.
- * The Transmitter supports HDMI loop-out.
- * Supports KVM function (USB 2.0), remote control conveniently.
- * Supports wide voltage: 5V-12V.
- * Lightning protection, surge protection, ESD protection.

ipcolor PIXEL **4K@60Hz** **Uncompressed**
Ultra-low Latency **80M**

LKV592KVM

4K@60Hz HDR Visually Lossless 120M
HDMI over IP KVM Extender



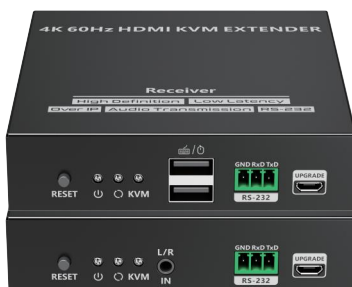
Features

- * Built on ipcolor IMAGE™ technology to deliver visually-lossless AV signals across long distances with ultra-low latency.
- * Extends 4K@60Hz HDR HDMI signal up to 120m over Cat6/6a/7 cable.
- * Supports one-to-many connection through the gigabit switch, and switches cascading.
- * The Transmitter supports HDMI loop-out.
- * Supports KVM function, remote control conveniently.
- * The Receiver can output the source audio additionally through the S/PDIF port.
- * Firmware upgrading via Micro USB.
- * Lightning protection, surge protection, ESD protection.

ipcolor IMAGE **4K@60Hz HDR** **Visually Lossless** **1G Ethernet**
Ultra-low latency **120M**

LKV582KVM

4K@60Hz 120M
HDMI over IP KVM Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Supports resolution up to 4K@60Hz, downwards compatible.
- * Transmission distance up to 120m over Cat6 cable, 100m over Cat5e cable, 80m over Cat5 cable.
- * Supports RS-232 pass-through.
- * The Transmitter supports HDMI loop-out.
- * The Transmitter supports 3.5mm L/R audio inputs; and the Receiver supports 3.5mm L/R audio output.
- * Supports one-to-many connection through the gigabit switch, and switches cascading.
- * Supports KVM function, remote control conveniently.
- * Firmware upgrading via Micro USB.
- * Lightning protection, surge protection, ESD protection.

ipcolor STREAM **4K@60Hz 120M** **1G Ethernet** **HDMI Loop-out**
RS-232

HDMI over IP KVM Extender

LKV562KVM

1080P@60Hz HDR Uncompressed 150M
HDMI over IP KVM Extender



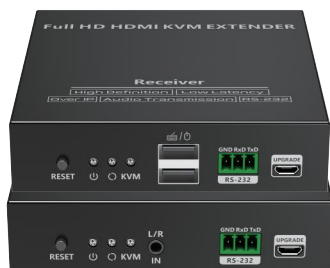
Features

- * Built on ipcolor PIXEL™ technology to deliver uncompressed AV signals across long distances with ultra-low latency.
- * Supports 1920x1200/1080P@60Hz HDR, downwards compatible.
- * Transmission distance up to 150m over Cat6 cable, 100m over Cat5e cable, 80m over Cat5 cable.
- * Supports KVM function, remote control conveniently
- * Supports HDMI loop-out.
- * The Transmitter supports 3.5mm L/R audio inputs; and the Receiver supports 3.5mm L/R audio and S/PDIF audio output.
- * Supports one-to-many connection through the gigabit switch, and switches cascading.
- * Lightning protection, surge protection, ESD protection.

ipcolor PIXEL **Uncompressed** **Ultra-low Latency**
1920x1200 **HDR** **150M** **Audio Embedding and Extraction**

LKV552KVM

1080P@60Hz 120M
HDMI over IP KVM Extender



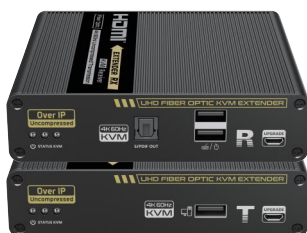
Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Extends 1080P@60Hz/1920x1200 HDMI signal up to 120m over by Cat6/6a/7 cable.
- * Supports RS-232 pass-through.
- * The Transmitter supports HDMI loop-out.
- * Supports one-to-many connection through the gigabit switch, and switches cascading.
- * Supports KVM function, remote control conveniently
- * Firmware upgrading via Micro USB.
- * Lightning protection, surge protection, ESD protection.

ipcolor STREAM **1920x1200** **120M** **HDMI Loop-out**
RS-232

LKV993KVM

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



Features

- * Built on ipcolor PIXEL™ technology to deliver uncompressed AV signals across long distances with ultra-low latency.
- * Extends 4K@60Hz HDR HDMI signal up to 40km over LC single-mode fiber.
- * Supports one-to-many connection through the 10Gb switch, and switches cascading.
- * Supports KVM function, remote control conveniently
- * The Receiver can output the source audio additionally through the S/PDIF port.
- * The Transmitter supports HDMI loop-out.
- * Lightning protection, surge protection, ESD protection.

ipcolor PIXEL **4K@60Hz HDR** **KVM** **HDMI Loop-out**
10Gb switch

LKV892KVM

4K@60Hz HDR Visually Lossless
HDMI over IP Optical KVM Extender



Features

- * Built on ipcolor IMAGE™ technology to deliver visually-lossless AV signals across long distances with ultra-low latency.
- * Extends 4K@60Hz HDR HDMI signal up to 40km over LC single-mode fiber.
- * Supports one-to-many connection through the gigabit switch, and switches cascading.
- * Supports KVM function, remote control conveniently
- * The Transmitter supports HDMI loop-out.
- * The Receiver can output the source audio additionally through the S/PDIF port.
- * Firmware upgrading via Micro USB.
- * Lightning protection, surge protection, ESD protection.

ipcolor IMAGE **4K@60Hz HDR** **Visually Lossless**
40KM **1G Ethernet** **HDMI Loop-out**

LKV982KVM

4K@60Hz 40KM
HDMI over IP Optical KVM Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Extends 4K@60Hz HDMI signal up to 40km over LC single-mode fiber.
- * The Transmitter supports HDMI loop-out.
- * Supports RS-232 pass-through.
- * The Transmitter supports 3.5mm L/R audio inputs; and the Receiver supports 3.5mm L/R audio output.
- * Supports KVM function, remote control conveniently
- * Supports one-to-many connection through the gigabit switch, and switches cascading.
- * Firmware upgrading via Micro USB.
- * Lightning protection, surge protection, ESD protection.

ipcolor STREAM **4K@60Hz** **40KM** **HDR** **1G Ethernet**
HDMI Loop-out **RS-232**

LKV762KVM

1080P@60Hz HDR Uncompressed
HDMI over IP Optical KVM Extender



Features

- * Built on ipcolor PIXEL™ technology to deliver uncompressed AV signals across long distances with ultra-low latency.
- * Extends 1920x1200/1080P@60Hz HDR HDMI signal up to 40km over LC single-mode fiber.
- * Supports ultra-low latency, uncompressed transmission.
- * Supports KVM function, remote control conveniently
- * The Transmitter supports HDMI loop-out.
- * The Transmitter supports 3.5mm L/R audio inputs; and the Receiver supports 3.5mm L/R audio and S/PDIF audio output.
- * Supports one-to-many connection through the gigabit switch, and switches cascading.
- * Supports RS-232 pass-through.
- * Lightning protection, surge protection, ESD protection.

ipcolor PIXEL **Uncompressed** **Ultra-low Latency**
1920x1200 **HDR** **150M** **Audio Embedding and Extraction**

HDMI over IP KVM Extender

LKV652KVM

1080P@60Hz 40KM

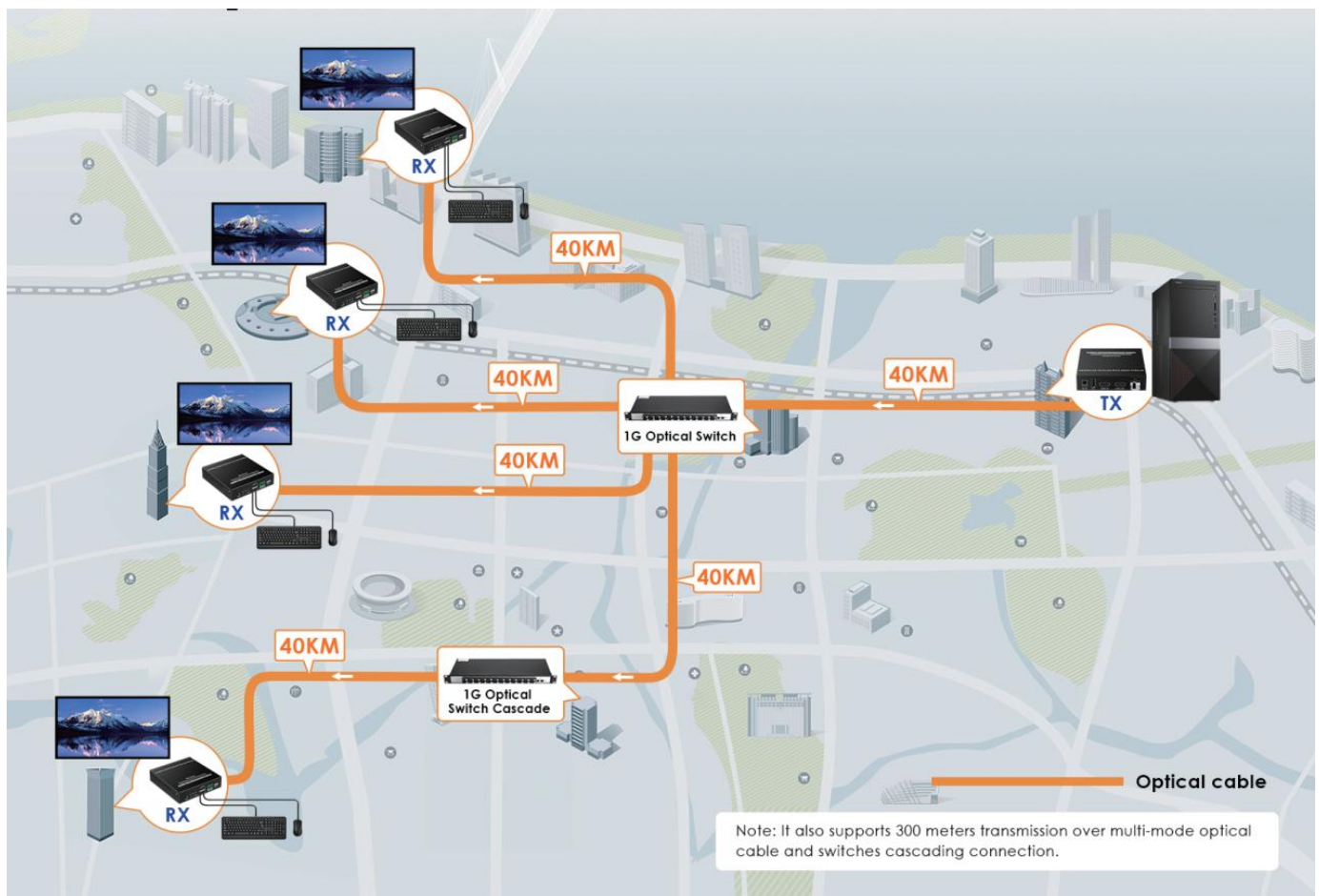
HDMI over IP Optical KVM Extender



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Extends 1920x1200/1080P@60Hz HDMI signal up to 40km over LC single-mode fiber.
- * Supports RS-232 pass-through.
- * The Transmitter supports HDMI loop-out.
- * The Transmitter supports 3.5mm L/R audio inputs; and the Receiver supports 3.5mm L/R audio output.
- * Supports one-to-many connection through the gigabit switch, and switches cascading.
- * Supports KVM function, remote control conveniently
- * Firmware upgrading via Micro USB.
- * Lightning protection, surge protection, ESD protection.

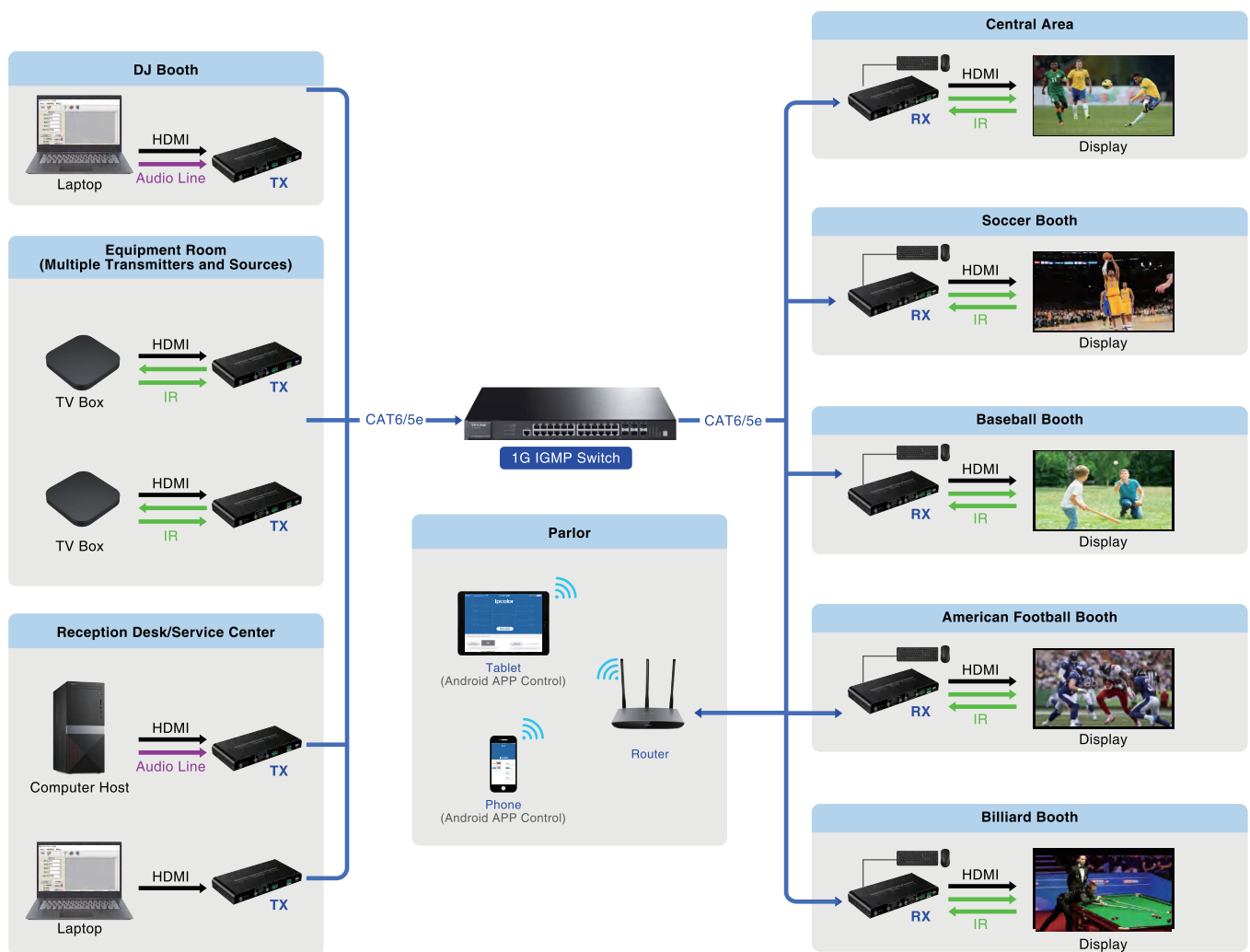
ipcolor STREAM **1920x1200** **3.5mm L/R Output** **RS-232**
HDMI Loop-out





KVM MATRIX

The LENKENG KVM Matrix system is designed specifically to unlock the distance limitations and provide exceptional clarity for video-intensive applications.



HDMI over IP KVM Matrix

LKV582Matrix-KVM

4K@60Hz over 1G IP
HDMI KVM Matrix



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Supports resolution up to 4K@60Hz, and downwards compatible.
- * Extension distance can be up to 120m over a Cat6/6a/7 cable, 100m over a CAT5e cable.
- * The Transmitter supports HDMI loop-out.
- * Supports power supply by PoE (Optional).
- * Bi-directional IR pass-back(20~60KHz).
- * Features RS-232/RS-485 pass-through, and can control external device by Android APP.
- * With audio embedding and extraction, 3.5mm L/R audio input in Transmitter and 3.5mm L/R audio output in Receiver.
- * Supports one-to-one and switches cascading connection, also supports one-to-many and many to many connection through IGMP gigabit switch, also supports switches cascading connection.
- * Supports KVM function, remote control conveniently

ipcolor STREAM **APP Control** **4K@60Hz 120M** **HDMI loop-out**
IR Pass-back **Many-to-Many**

LKV552Matrix-KVM

1080P@60Hz over 1G IP
HDMI KVM Matrix



Features

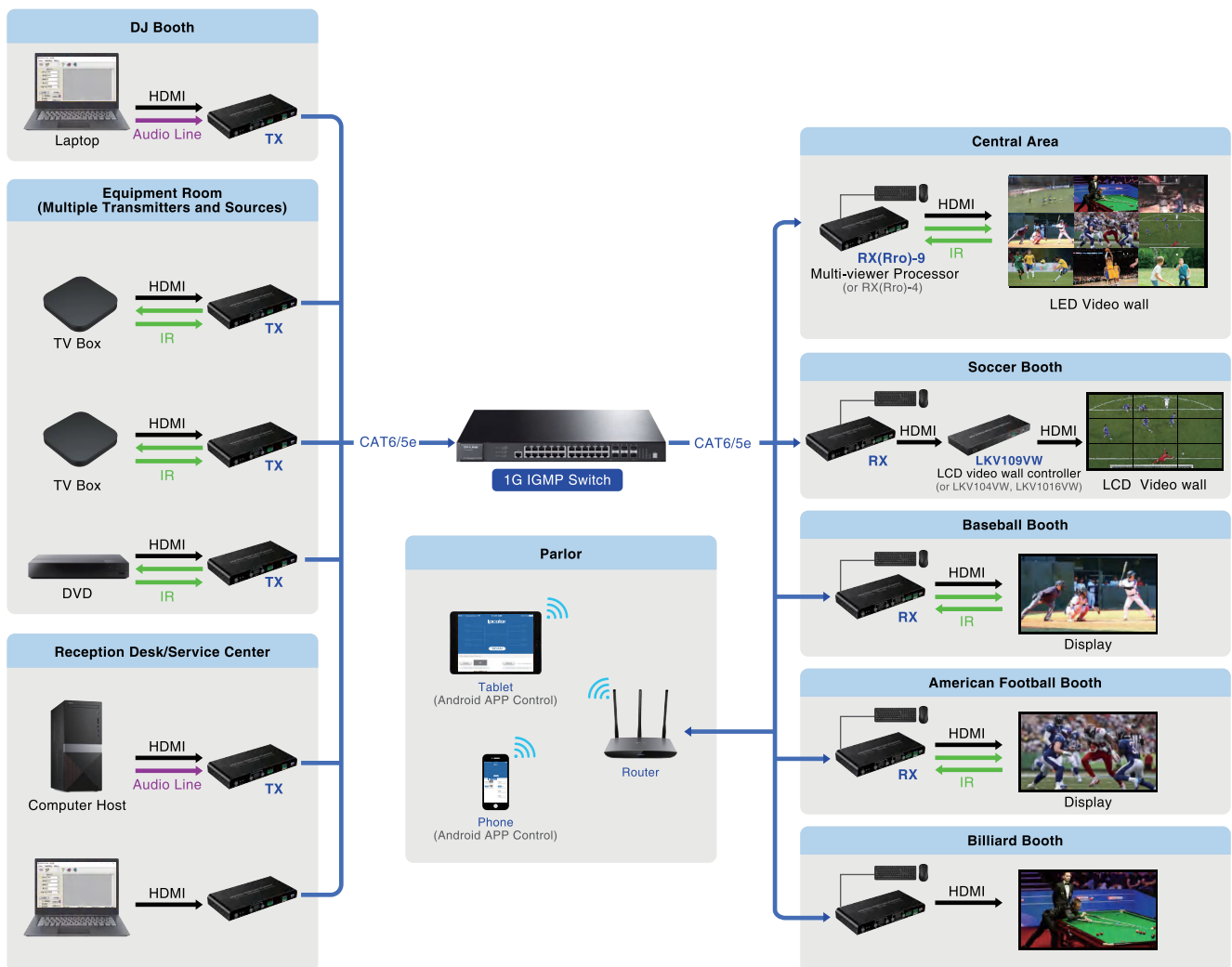
- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Adopts latest ipcolor STREAM transmission technology to realize light compression of original signals with low latency.
- * Supports resolution up to 1080P@60Hz, and downwards compatible.
- * Extension distance can be up to 120m over a Cat6/6a/7 cable, 100m over a CAT5e cable.
- * The Transmitter supports HDMI loop-out.
- * Supports power supply by PoE (Optional).
- * Bi-directional IR pass-back(20~60KHz).
- * Features RS-232/RS-485 pass-through, and can control external device by Android APP.
- * With audio embedding and extraction, 3.5mm L/R audio input in Transmitter and 3.5mm L/R audio output in Receiver.
- * Supports one-to-one and switches cascading connection, also supports one-to-many and many to many connection through IGMP gigabit switch, also supports switches cascading connection.
- * Supports KVM function, remote control conveniently

ipcolor STREAM **APP Control** **120M** **HDMI loop-out**
IR Pass-back **Many-to-Many**



KVM MATRIX WITH VIDEO WALL

LENKENG KVM Matrix with Video Wall simplify the task of routing AV signals from multiple input sources to various output destinations. Each input can be directed to any or all outputs, giving you the ultimate flexibility to extend your installation with excellent video quality.



LKV582 Matrix-KVM + RX(Pro)

4K@60Hz over 1 G IP
HDMI KVM Matrix



Features

- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Supports resolution up to 4K@60Hz, and downwards compatible.
- * Extension distance can be up to 120m over a Cat6/6a/7 cable, 100m over a CAT5e cable.
- * The Transmitter supports HDMI loop-out.
- * Supports power supply by PoE (Optional).
- * Bi-directional IR pass-back(20~60KHz).
- * Features RS-232/RS-485 pass-through, and can control external device by Android APP.
- * With audio embedding and extraction, 3.5mm L/R audio input in Transmitter and 3.5mm L/R audio output in Receiver.
- * Supports one-to-one and switches cascading connection, also supports one-to-many and many to many connection through IGMP gigabit switch, also supports switches cascading connection.
- * Supports KVM function, remote control conveniently

ipcolor STREAM **APP Control** **4K@60Hz 120M**
HDMI loop-out **IR Pass-back** **Many-to-Many**

LKV552Matrix-KVM + RX(Pro)

1080P@60Hz over 1 G IP
HDMI KVM Matrix



Features

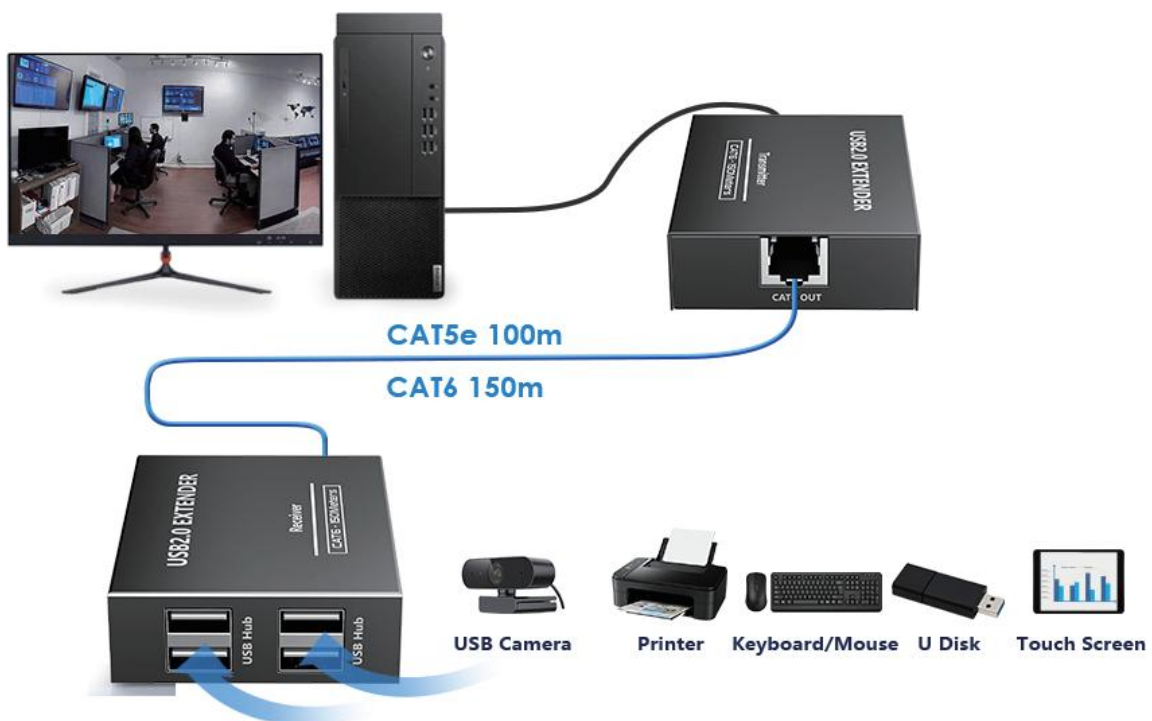
- * Built on ipcolor STREAM™ technology to deliver medium-compression AV signals across long distances with low latency.
- * Adopts latest ipcolor STREAM transmission technology to realize light compression of original signals with low latency.
- * Supports resolution up to 1080P@60Hz, and downwards compatible.
- * Extension distance can be up to 120m over a Cat6/6a/7 cable, 100m over a CAT5e cable.
- * The Transmitter supports HDMI loop-out.
- * Supports power supply by PoE (Optional).
- * Bi-directional IR pass-back(20~60KHz).
- * Features RS-232/RS-485 pass-through, and can control external device by Android APP.
- * With audio embedding and extraction, 3.5mm L/R audio input in Transmitter and 3.5mm L/R audio output in Receiver.
- * Supports one-to-one and switches cascading connection, also supports one-to-many and many to many connection through IGMP gigabit switch, also supports switches cascading connection.
- * Supports KVM function, remote control conveniently

ipcolor STREAM **APP Control** **120M** **HDMI loop-out**
IR Pass-back **Many-to-Many**



RELATED KVM SOLUTIONS

LENKENG Related KVM Solutions includes USB2.0/3.0 extenders, KVM switch, and others. KVM switches are used in various settings outside data centers, including surveillance, Kiosk administration, digital media, and industrial computer control. The KVM switch is used in surveillance applications as a digital interface to integrate non-IP surveillance equipment like CCTV and make remote access possible.



USB Extender

LKV100USB

150M 4-Ports High-speed
USB2.0 Extender



Features

- * Supports all USB 2.0 devices up to 480Mbps.
- * Extension distance up to 150m over Cat6 or 100m over Cat5e cable, also supports switch connection for double distance.
- * The Receiver supports four USB2.0 outputs, and supports USB hubs for more peripheral devices.
- * The Transmitter can be powered by the source directly.
- * Plug and play, and supports all major operating systems: Windows, Mac OSX and Linux.

150M **USB2.0** **Powered by Source** **Plug and Play**

LKV320USB-SMF

40KM 4-Ports Super-speed USB3.0
Optical Extender



Features

- * Supports USB 3.0 devices up to 5Gbps (backwards compatible with USB2.0 and USB1.0 devices).
- * Automatic recognition of USB3.2 Gen1x1, USB3.1 Gen1, USB3.0, USB2.0, USB1.1, USB1.0.
- * Transmission distance up to 10km over single-mode optical cable.
- * Four USB device ports for connecting more external devices.
- * Supports USB Hub to connect more input devices.
- * The host port can be powered by the device port directly, eliminating the requirement for a separate power supply for the host port.
- * Compatible with major operating systems.
- * Plug and play, no software installation required.

40KM **USB3.0** **Powered by Source** **Plug and Play**

LKV320USB-MMF

300M 4-Ports Super-speed USB3.0
Optical Extender



Features

- * Supports USB 3.0 devices up to 5Gbps (backwards compatible with USB2.0 and USB1.0 devices).
- * Automatic recognition of USB3.2 Gen1x1, USB3.1 Gen1, USB3.0, USB2.0, USB1.1, USB1.0.
- * Transmission distance up to 300m over a multi-mode optical cable.
- * Four USB device ports for connecting more external devices.
- * Supports USB Hub to connect more input devices.
- * The host port can be powered by the device port directly, eliminating the requirement for a separate power supply for the host port.
- * Compatible with major operating systems.
- * Plug and play, no software installation required.

40KM **USB3.0** **Powered by Source** **Plug and Play**

LKV441

4K@60Hz HDR 4×1 KVM Switch



Features

- * Supports resolution up to 4K@60Hz, downwards compatible.
- * Four HDMI inputs, one HDMI output.
- * Supports RS-232 control.
- * Supports KVM function, remote control conveniently.
- * Supports IR remote control and panel button to switch input signals.
- * Supports HDR10.
- * Audio formats supported: LPCM7.1, DTS-HD, DTS-Audio, Dolby Digital plus, Dolby TrueHD 7.1, Dolby Digital, Dolby Atmos.

4096×2160@60Hz **HDR** **RS-232** **IR**

LKV441EX

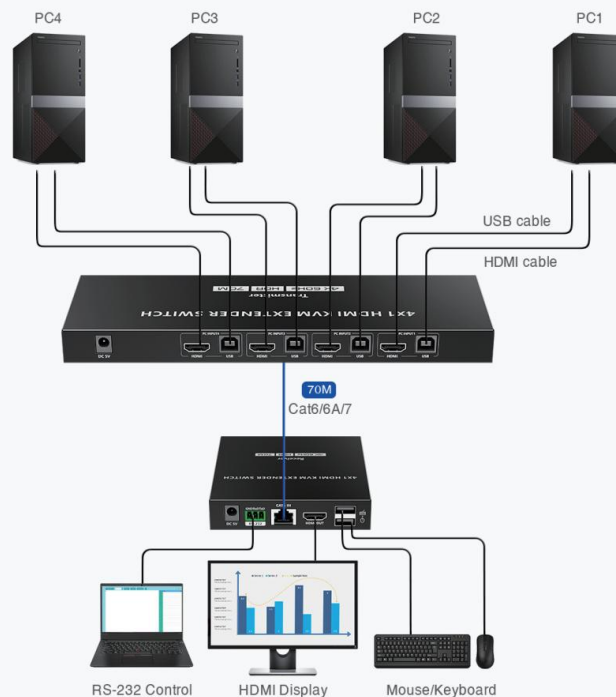
4K@60Hz HDR 4×1 KVM Extender Switch



Features

- * Supports resolution up to 4K@60Hz, downwards compatible.
- * Four HDMI inputs, one HDMI output with extension for 70m over Cat6/6a/7 cable.
- * Supports RS-232 control.
- * Supports KVM function, remote control conveniently.
- * Supports IR remote control and panel button to switch input signals.
- * Supports HDR10.
- * Audio formats supported: LPCM7.1, DTS-HD, DTS-Audio, Dolby Digital plus, Dolby TrueHD 7.1, Dolby Digital.

4096×2160@60Hz **70M** **HDR** **RS-232** **IR Remote**



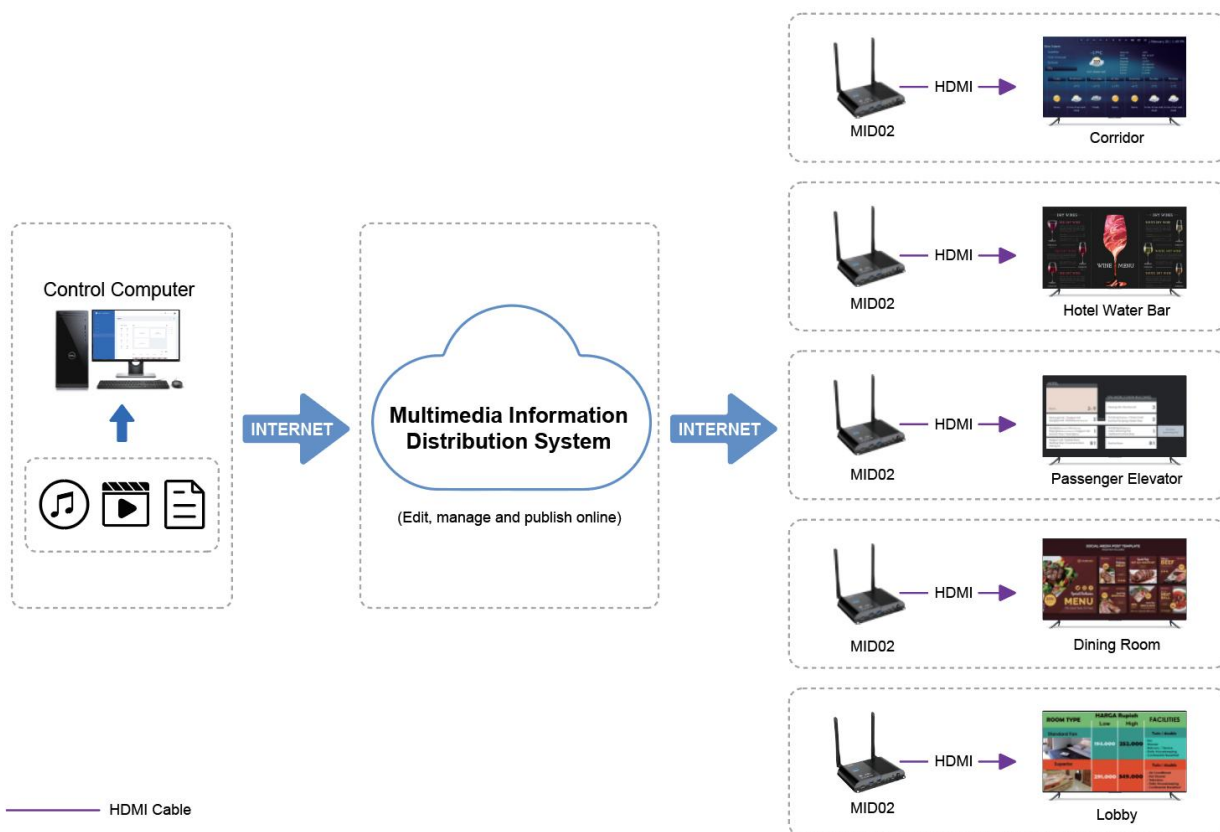
02

Multimedia Information Distribution System & Product



MULTIMEDIA INFORMATION DISTRIBUTION SYSTEM & PRODUCT

Lenkeng's Multimedia Information Distribution System can effortlessly deliver better, more engaging content to your audience in both indoor and outdoor public spaces. It is a cloud-based end-to-end system designed to accommodate the demands of today's digital displays.

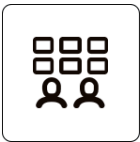


Multimedia Information
Distribution System & Product

MID02(4K@60Hz)



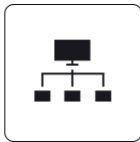
A Cloud-based
System



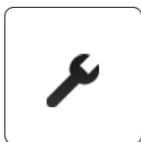
Centralized Content
Production



Compatible with
Various Media Formats



Remote and
Local Advertising



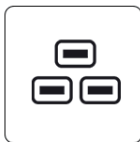
Intelligent
Maintenance



Cooperative
Multi-player



4K UHD



Multiple I/O



24/7



Lightning Protection
Surge Protection
ESD Protection



Airport/Train Station Transportation Hubs

- Departure and Arrival Schedule
- Check-in Counter
- Maps
- Information and Advertisement



Shopping Mall

- Menu
- Information and Advertisement



Outdoor Advertising

- Building Tenants
- Building Directions
- Digital Signage
- Information and Advertisement



Office Buildings

- Doctor Information
- Clinic Information
- In-patient Information
- Information and Advertisement



Digital Signage

- Class Schedule
- Campus Direction
- Information and Advertisement



Hotel

- Menu in Bar
- Spare Room Information
- Surrounding Tourism
- Information and Advertising

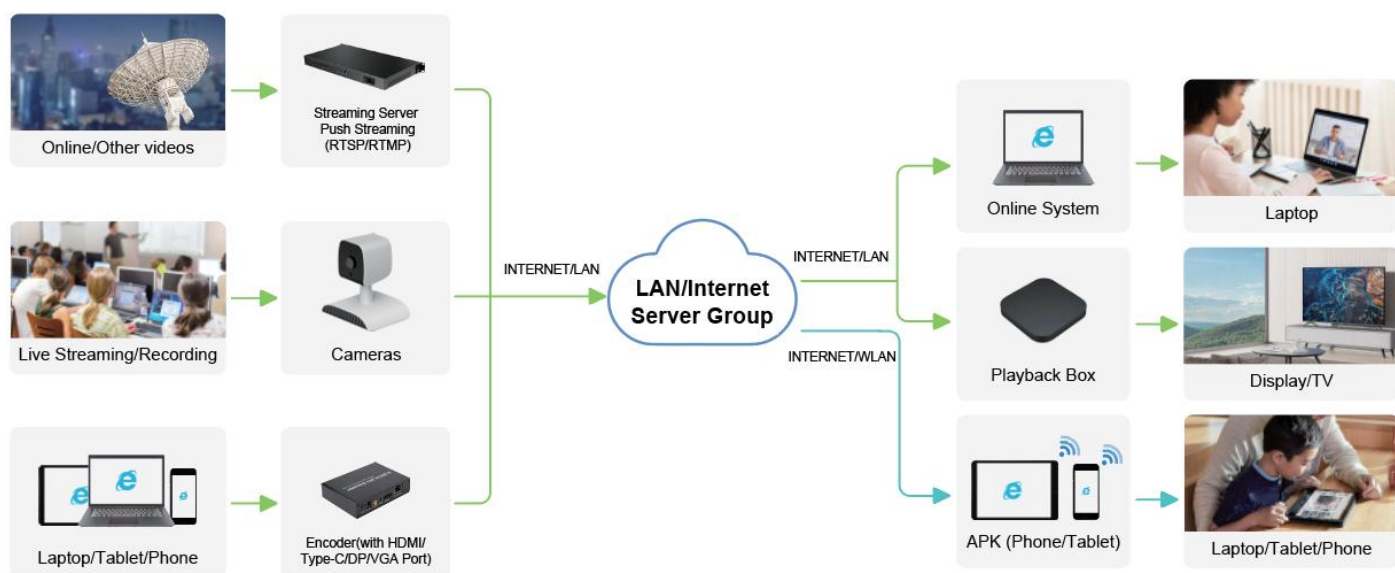
03

Large-Scale Video Recording System & Product



LIVE STREAMING, RECORDING, VIDEO-ON-DEMAND SYSTEM & PRODUCT

LENKENG Live Streaming, Recording and Video on Demand System enables end-users to do remote learning, communications and training. Live Streaming, Recording and Video on Demand System is worry-free recording and streaming solution enables you to learn and watch videos anytime, anywhere.



Large-Scale Video Recording System & Product

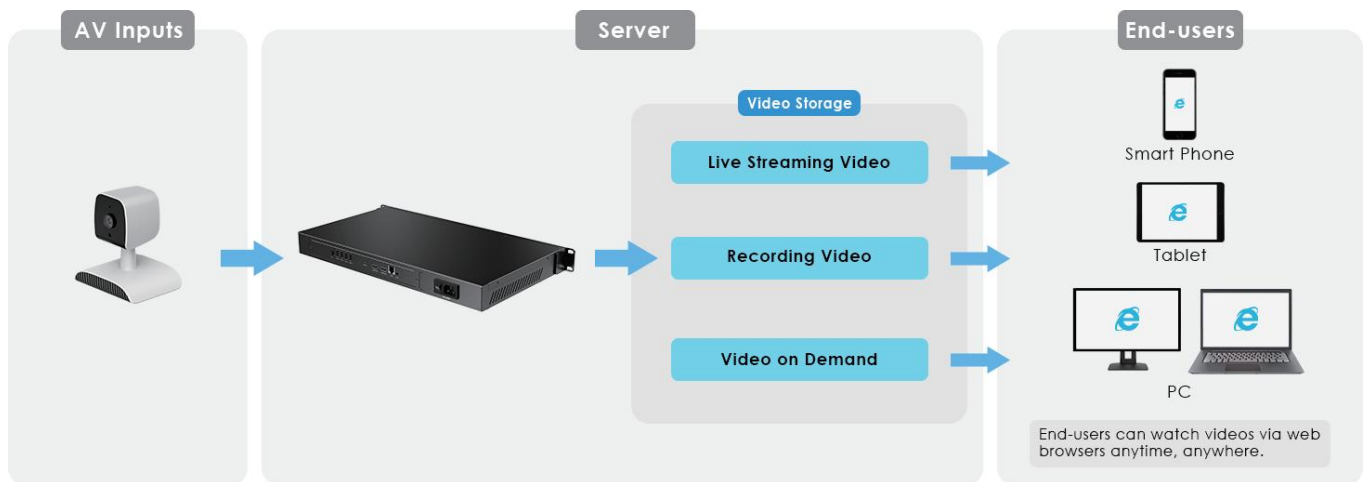
Source: LVR-CA01, LVR-EN01

System Server: LVRS-LAN01, LVRS-LAN02

Player Terminal: EZTV3(1080P), EZTV4(4K), or APK



Large-Scale Video Recording System & Product



Application



Live Streaming for Learning and Training



Meeting/Lecture/Event Capture



Remote Learning and Training



On-demand Digital Media Library

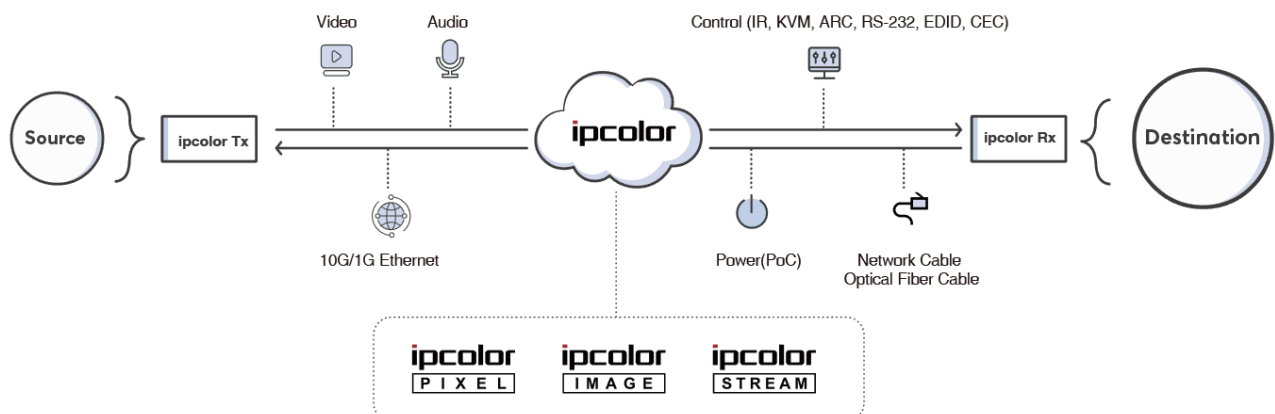
ipcolor

UHD Video Digital Transmission Protocol

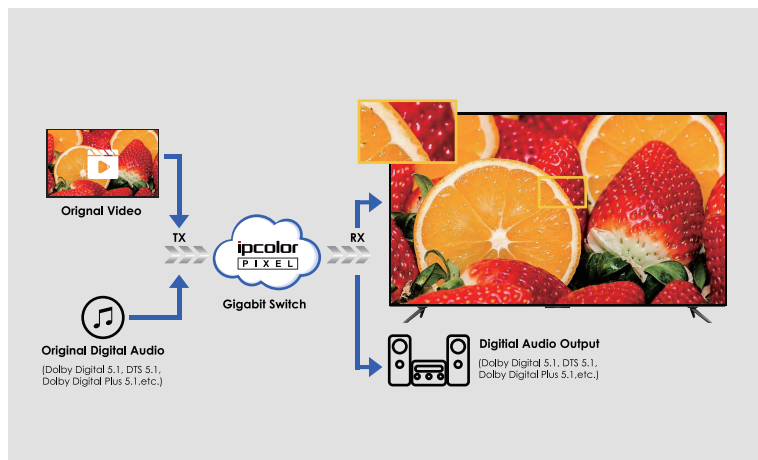
New generation solution for UHD video digital transmission

What is ipcolor?

ipcolor is a global leading and innovative protocol for UHD video digital transmission. ipcolor including ipcolor PIXEL for ultimate uncompressed, ipcolor IMAGE for visually lossless compression, ipcolor STREAM for medium compression, which can be applied in point to point solution, over IP matrix solution, over IP splitter solution, over IP switch solution and wireless solution.



Why Choose ipcolor?



ipcolor PIXEL

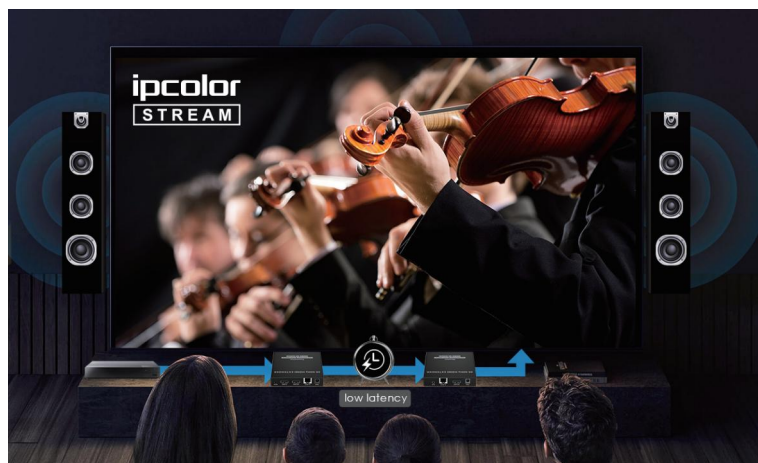
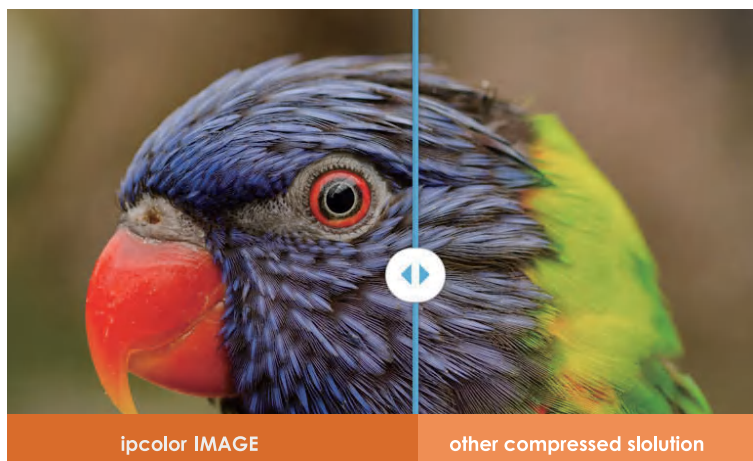
NO LOSE ONE PIXEL

- 4K@60Hz 4:4:4 uncompressed transmission, resolution can be up to 4096*2160
- Zero latency
- Over 10G Ethernet
- 100m transmission distance over Ethernet cables and 40km transmission distance over optical fiber cables
- HDMI ARC
- KVM
- Bi-directional IR passback
- S/PDIF
- Multiple control methods

ipcolor IMAGE

The Best Visually Lossless Compression Solution

- Visually lossless compression transmission, resolution can be up to 4096*2160
- Zero latency
- Over 1G Ethernet or point to point transmission
- 100m transmission distance over Ethernet cables and 40km transmission distance over optical fiber cables
- HDMI ARC
- KVM
- Bi-directional IR passback
- S/PDIF
- Multiple control methods



ipcolor STREAM

Enjoy the Visual and Aural Feast with Low Latency

- Maintains the original signals quality as authentic as possible.
- Low Latency
- 120m transmission distance over Ethernet cables and 40km transmission distance over optical fiber cables
- Multiple control methods