# Over IP/10KM R016-IP-FSB-RX102

## 4K/60Hz HDMI Audio Video over IP 1G Fiber up to 10 km/32,808 ft LC Duplex Single-mode Fiber Cable Extender Receiver/Decoder with dual HDMI outputs

COMPRESSED HDCP 2.3 USB2.0 HDMI

CE FC RS-232 AUDIO VIDEO 4K60 UltraHD 4:4:4

## Description

This extender kit is an HDMI over IP Receiver/decoder with dual HDMI outputs that allows the extension of HDMI signals using the TCP/IP protocol over 1G Fiber up to 10 km/32,808 ft LC Duplex Single-Mode Fiber Cable. This extender supports transmissions up to 4K/60Hz with Audio/RS232/IR/USB 2.0 control signal up to 100 meters on a single cable.

The transmission distance can be further extended by using a Gigabyte Ethernet network switch (Level II, support IGMP and VLAN). This Receiver also features bi-directional IR and RS232 pass-through. The extender kit also allows the Receiver to operate in multicase mode, allowing the sending of a single AV signal to multiple receivers within the same local network.

## Features

- Compression Algorithm: Visually lossless compression; Compression Ratio: x18 ~ x20
- Latency Time: 2ms (2160P)
- Video bitrate: ~ 800Mbps
- Support Receiver two output 4K/60Hz HDMI
- Supports HDMI video streams up to 4K@60Hz (YUV420/422/444) In/Out
- Supports HDCP2.2/2.3
- Supports HDR10, HDR10+, Dolby Vision
- Supports Audio LPCM up to 12 channels
- Supports Audio Lines IN/OUT & MIC IN
- Supports 1G Fiber up to LC Duplex 10 km/32808 ft Single-Mode Fiber Cable
- Supports Broadcasting
- Unlimited distance through hub/switch, No more signal interference
- Control interfaces over RS-232, IR
- High-performance USB 2.0 extension over IP, which supports Webcam
- Target applicationsTrue 4K UHD-over-IP Extender; USB-over-IP Extender Unicast A/V Extender; AV/KVM-over-IP

## Accessory

- 24V 1A international power adapter x 1 set
- IR-IN & IR-OUT cable x 1 pair

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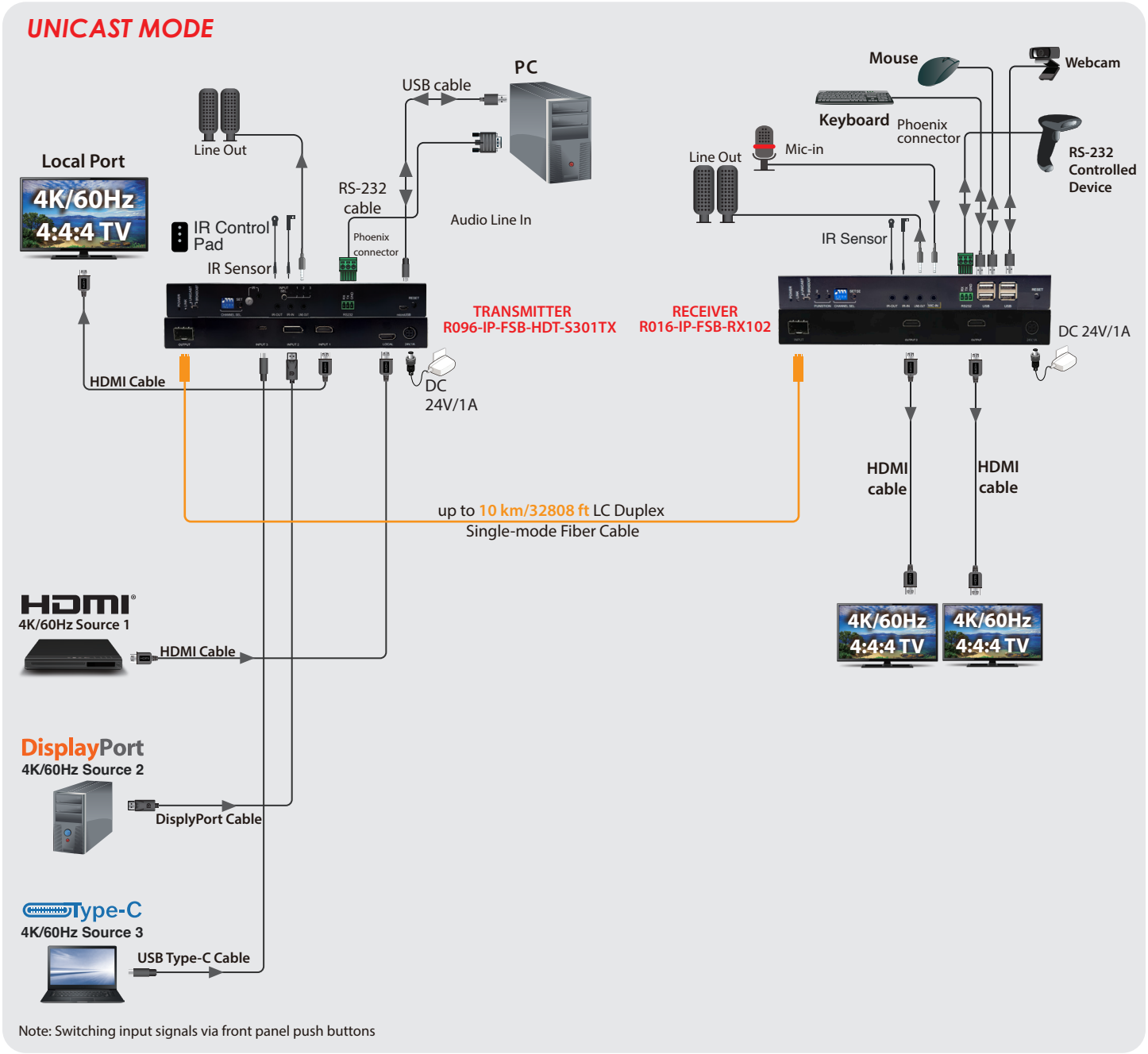
### *Application Diagram*




Note: Switching input signals via front panel push buttons

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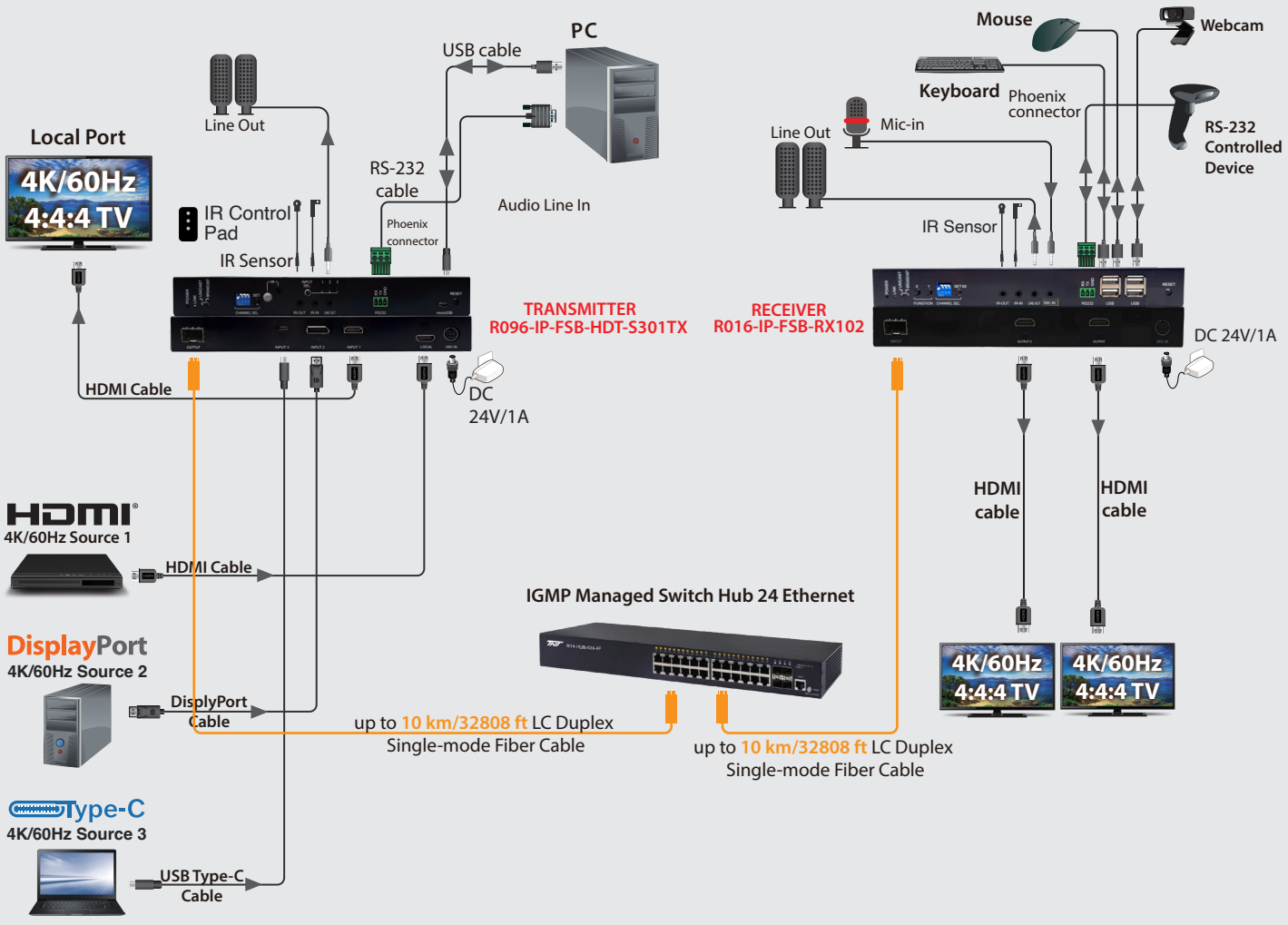
***UNICAST MODE***




Note: Switching input signals via front panel push buttons

| Part Number | Description | PoC | HDR | TX Local HDMI OUT | Distance | FOB | MOQ | PRICE |
|---|---|---|---|---|---|---|---|---|
| R016-IP-FSB-RX102 | 4K/60Hz HDMI Audio Video over IP 1G Fiber up to 10 km/32808 ft LC Duplex Single-mode Fiber Cable Extender Receiver with two HDMI outputs | ☐ | ■ | ☐ | 10 km/ 32808 ft | TAIWAN | See Price Sheet | See Price Sheet |