PC / AV-over-IP Extenders
► IPMX-A4HF-x100CP ◄

4K60 IP Matrix Extender
With Local Out, Audio, IR, RS-232, USB 2.0, PoE Support, 100m

Transmitter Unit
IPMX-A4HF-T100CP
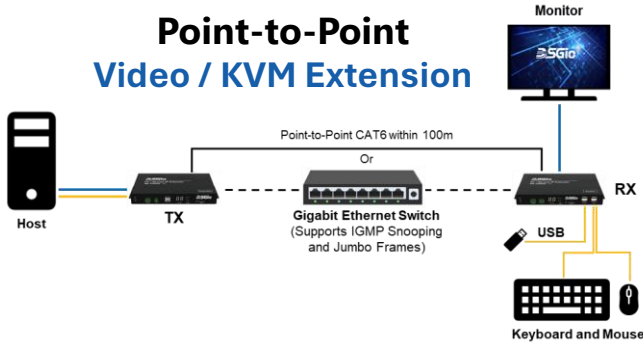
Receiver Unit
IPMX-A4HF-R100CP

FEATURES

- HDMI 2.0 and USB 2.0/1.1 over IP Extension
- Supports HDMI Resolutions Up to 4K 60Hz 4:4:4
- HDMI Loop-Through on Transmitter
- Supports HDR and Dolby Vision
- Supports RS-232 Bi-Directional and IR Extension
- HDCP 1.4 and 2.2 Compliant
- Supports Built-In EDID, EDID Copy, Pass-Through & Auto-EDID Configuration
- LED Indicators with ▲ and ▼ Buttons for Source Channel Selection
- Supports KM over IP Roaming, and KVM Switching via Keyboard Hotkeys
- Ultra-Low Latency under 0.5 Frames
- Operates Efficiently with Standard Gigabit Ethernet Switch and CATx Cable
- Versatile Configurations such as Point-to-Point Extension, Point-to-Multipoint Distribution, Multipoint-to-Multipoint Matrix, and Video Wall System
- Supports Video Wall Processing (up to 8x8), and Built-In Scaler on Receiver
- Supports Multiple Control Methods via the Built-in Web UI, Front Panel Buttons, Telnet and third-party control development with API commands
- Supports External Power Adapter or Power over Ethernet (PoE 802.3af) for Flexible Installation Option.
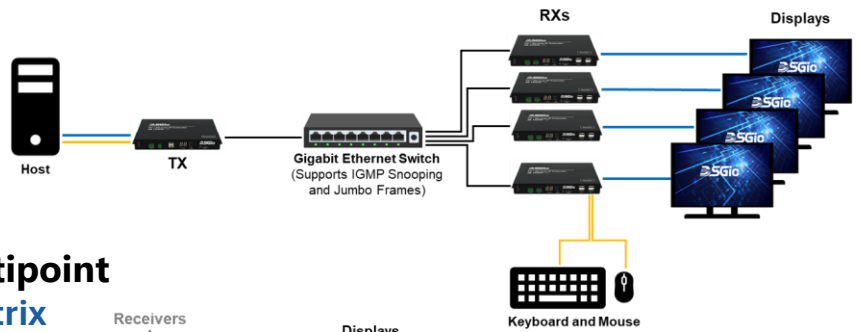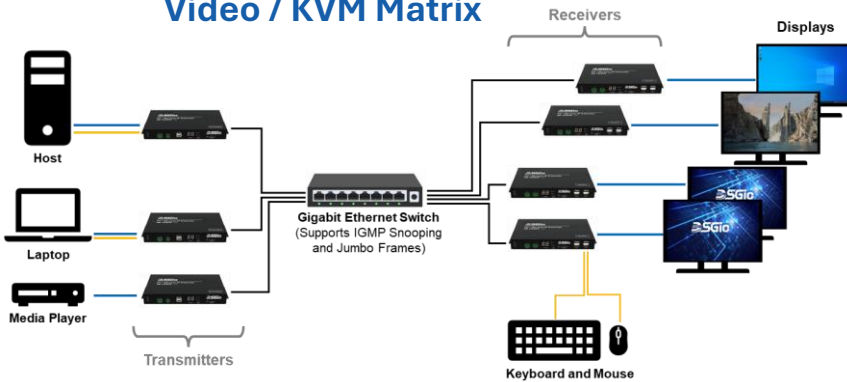
Application Examples

HDMI ■ **USB** ■ **CATx** ■

Point-to-Point
Video / KVM Extension

Monitor

Point-to-Point CAT6 within 100m
Or

Host TX **Gigabit Ethernet Switch** (Supports IGMP Snooping and Jumbo Frames) RX

USB

Keyboard and Mouse

Point-to-Multipoint
Video / KVM Distribution

RXs Displays

Host TX **Gigabit Ethernet Switch** (Supports IGMP Snooping and Jumbo Frames)

Keyboard and Mouse

Multipoint-to-Multipoint
Video / KVM Matrix

Receivers

Displays

Host

Laptop

Media Player

Gigabit Ethernet Switch (Supports IGMP Snooping and Jumbo Frames)

Transmitters

Keyboard and Mouse

Video Wall Application

Video Wall 8x8

X64 **Giga Ethernet Switch** (with IGMP and Jumbo Frame)

PC

RX x 64 (RXs)

(TXs)

TX

Keyboard Mouse

MANAGING ADMINISTRATOR

TX x 63 Host x 63

CONTROL ROOM