

Solving IP monitoring and IP encapsulation with emVIEW and emFUSION

Embrionix's emVIEW transforms your standard HDMI displays into IP monitors. The miniature converter can be installed behind your monitor to convert IP signal over fiber to SDI or HDMI.

The emFUSION is a standalone SDI/HDMI to IP Gateway encapsulates HDMI/SDI signals to IP. The modules can be installed near the equipment achieving the interconnection to the network using fiber. This resolves the inability of HDMI and SDI signals to carry long distances.

The solution is available with the support of Hitless Redundancy with emVIEW-7 and emFUSION-7 models.



KEY DIFFERENTIATING FACTORS



Dual module miniature frame



Three module miniature frame with the support of hitless redundancy

Versatile format adaptation

- ✓ ST2022-6/7, 2110, encapsulation formats
- ✓ HDMI and SDI
- ✓ In field updatable

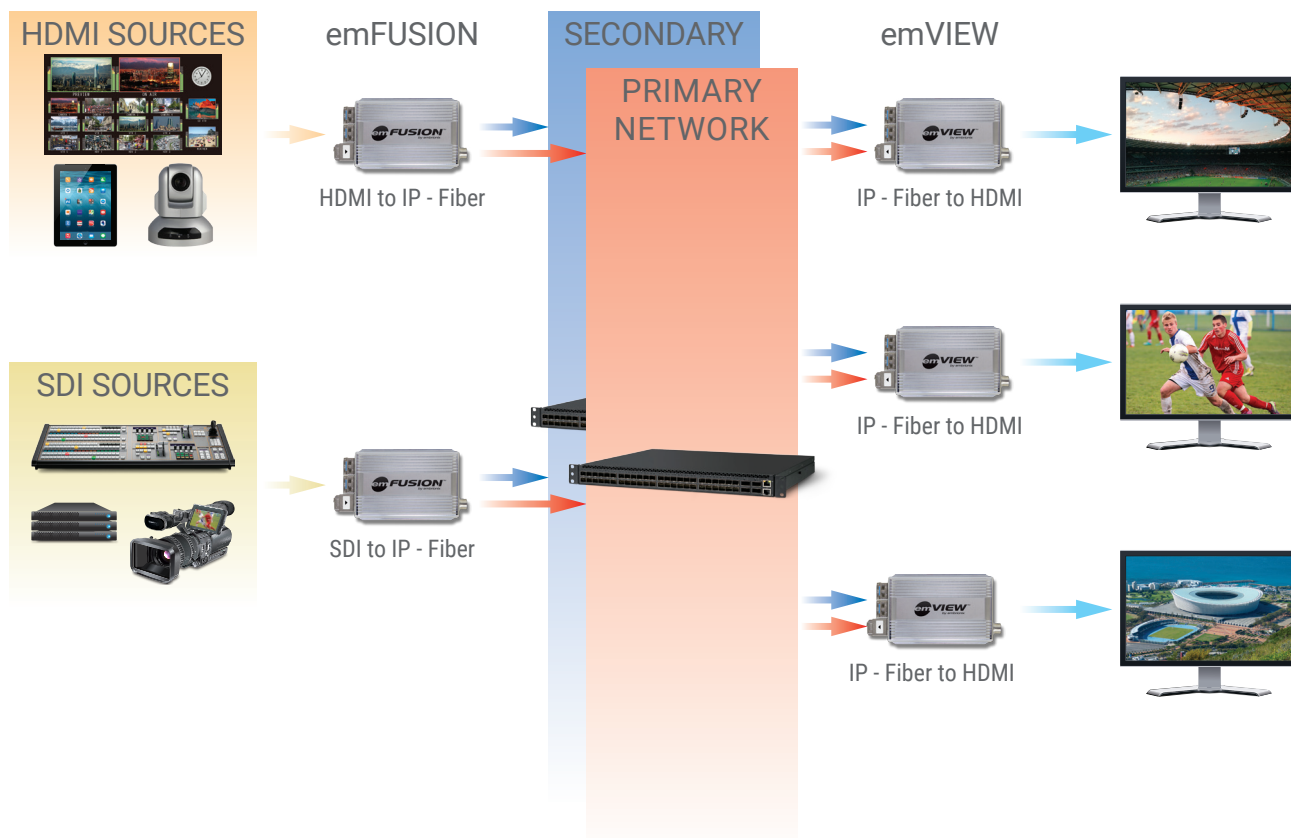
Efficient mechanical design

- ✓ HDMI cable retaining mechanism
- ✓ Monitor mounting bracket (optional)
- ✓ Redundant power supplies
- ✓ Vibration resistant

Plug and Play approach

- ✓ Discovery mechanism (NMOS)
- ✓ Automatic assignments of IP addresses (DHCP)

APPLICATION DIAGRAM



CONVENIENT MINIATURE CONVERTER RACKMOUNT FRAME

The emBOX-18MBR is a 2RU frame that houses up to 18 emFUSION and emVIEW. Equipped with redundant power supplies and a cable management system, the emBOX-18MBR is practical in installations where multiple miniature frames are located at proximity.



VERSATILE SDI TO IP MINIATURE INTERFACES

Embrionix emVIEW and emFUSION are your best option in this migration to IP. There is no need to buy expensive specific Broadcast IP monitors. This solution let you use any display of any size, any shape, and price to monitor your IP signals. HDMI cameras or SDI devices located at far distances can be connected to your IP network via fiber.

Devices can be controlled and upgraded via in-band communication using the same 10GE fiber link.

* Contact Embrionix for recommended IP switch support
Contact factory for Multimode fiber

For more information, please contact
sales@embrionix.com