



## em2X2-2 Dual SFP 2x2 configuration miniature frame

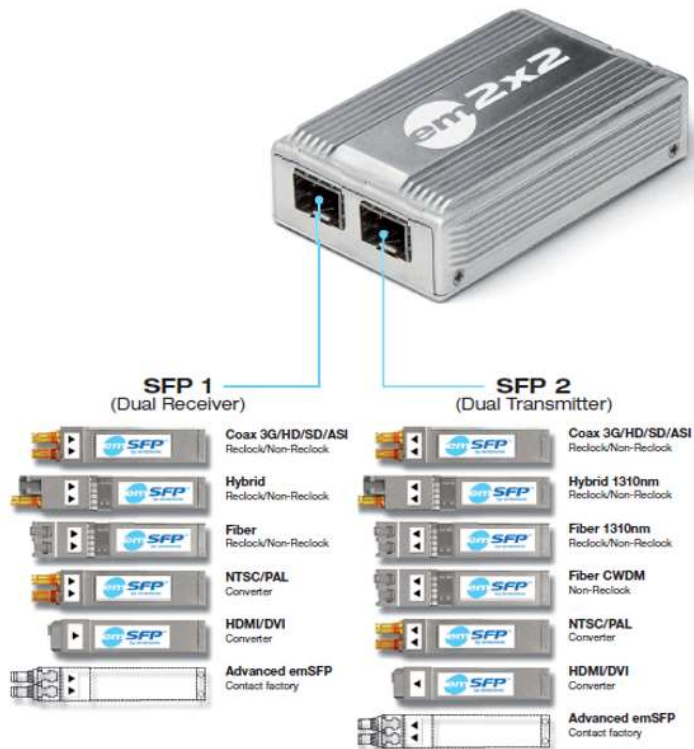
### Overview

The em2x2-2 is small convenient modular chassis accommodating various processing, conversion, regeneration, and optical functionality. It comes with dual SFP cages allowing any combination of SFPs or emSFPs to be paired together to adapt and process various type of signals. You can mix and match any Fiber Optic 850nm/1310nm/CWDM, ASI, IP, 3G/HD/SD, HDMI/DVI, MADI, AES signals or IP modules. The em2x2-2 is forward compatible with future Embrionix SFP & SFP+ modules.

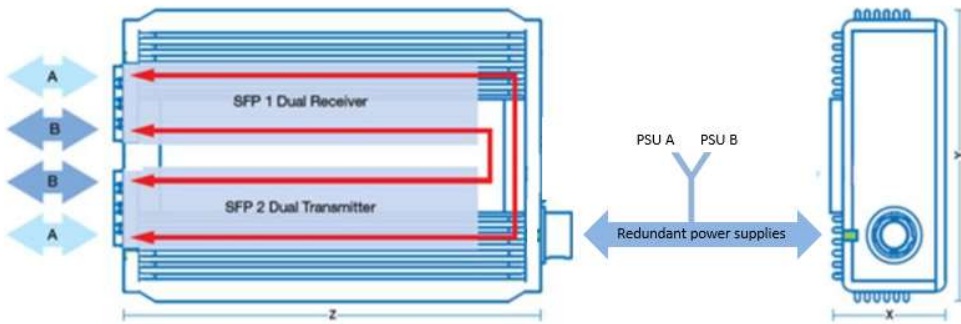
### Features

- Small and convenient housing frame
- Wide range of signal support including 4K/8K Ready, 3G, HD, SD, DVB-ASI, HDMI/DVI, CVBS, Ethernet, MADI, AES and IP
- Hot swappable SFP modules
- Available redundant power supplies

### Application Diagram



# Functional Diagram



## Specifications

### System

Configuration 2 x 2 (1:1)

### External Power Supply

**Brick** Auto ranging, 100-240v  
 AC Mains Input AC, 50/60Hz  
 Number of Outputs 1  
 Output Voltage 12V DC  
 Output Connector Coaxial power connector  
 Max Power Dissipation <10 watts  
 Status Indicators Green OK LED

### Physical

Dimensions 26mm H x 45mm W x 75mm D  
 emSFP modules capacity 2  
 emSFP modules w/cage 2w max  
 Operating Temperature 0°C to 45°C

### Electrical

Power Supply Configuration Dual external supplies  
 Voltage Input 12V DC (external power supplies required for 110-220v)

Max Power Consumption <6 watts (loaded with 2 x emSFPs)  
 Note: power consumption is dependent on SFP modules

## Ordering information:

### em2x2-2

em2x2-2

em2PS

emPS-RED

Miniature 2x2 frame

Power supply for the miniature frame (no power cord included, dual power supplies via included Y adaptor)

Redundant power supply for em2x2-2

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Patent pending

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