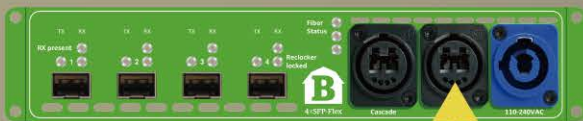# BarnColor

NEW
Release!

4xSFP-Flex

The Most Versatile Fiber Optic A/V and Ethernet Transport Device.

Designed to supplement the highly flexible BarnColor system, the new BarnColor 4xSFP-Flex provides 4 SFP transceiver cages on each unit and allows you to configure your BarnColor-Flex pairs with the signal processing SFPs needed for your unique application. Up to four different color units can be cascaded to each other; the system supports up to 16 transceiver cages on each side and allows the transport of 32 signal feeds; 16 feeds forward and 16 returns.

Transport signals from any SFP......

A single pair of BarnColor-Flex units interconnects 8 transceiver SFPs, 4 on each side, over Neutrik OpticalCON DUO or LC patch cables.
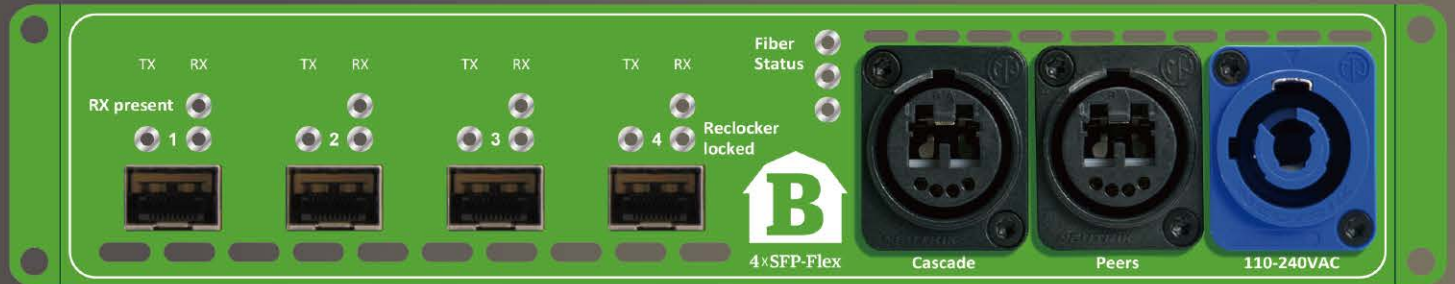
......to any SFP

BarnColor

4xSFP-Flex

Insert any SFP and the signal will be converted and merged into the signal-stream along with all other signals from this and other cascaded units.

SFP availability in the marketplace is extensive and covers most of the needed signalformats. The 4xSFP-Flex are compliant with all these SFPs regardless of bandwidth,distance or wavelength. 4xSFP-Flex is also compliant with both multimode and singlemode SFPs.

4xSFP-Flex

is part of the BarnColor concept. This means you can cascade 4 different colors, regardless of the model, and get all signals transmitted in one fiber pair

Examples of SFPs being used:

- Point to Point (1310nm)
- CWDM
- Multimode
- BNC-SFP
- HDMI-SFP
- Analog Video-SFP
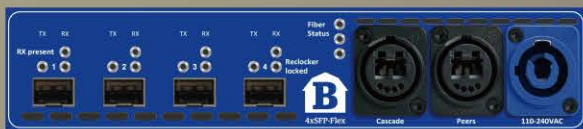- IP encap/decap-SFP
- RJ45 for ethernet

1x pair of Single mode fiber

4 different colors can be cascaded/daisy-chained

- Designed to be a cost-effective and easy to deploy solution for transmitting multiple signal both directions in a single pair of fiber cable
- BarnColor 4x10G-SFP allows you to handle up to 32X signals (16 forward and 16 return).
- 4 different colors can be cascaded/daisy-chained
- This flexible system is easy to install, upgrade and use. It is well suited for both fixed and temporary intallations.

4xSFP-Flex
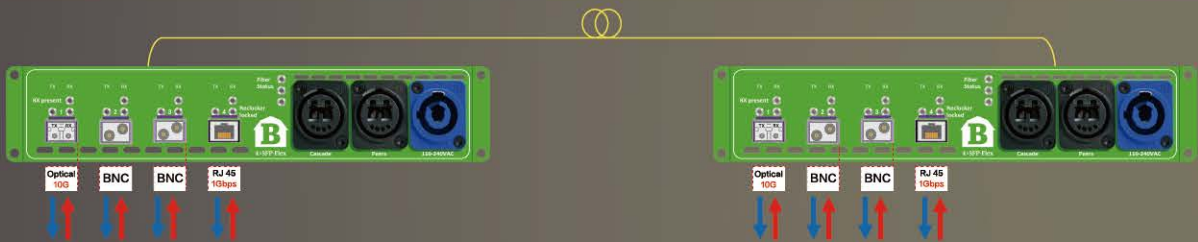
4x3G-SDI

4x12G-SDI

4xETH-PoE

1x pair of Single mode fiber

As long as the colors on each side are different, you can mix any of the BarnColor models in the cascade/daisy-chain

BarnColor

4xSFP-Flex
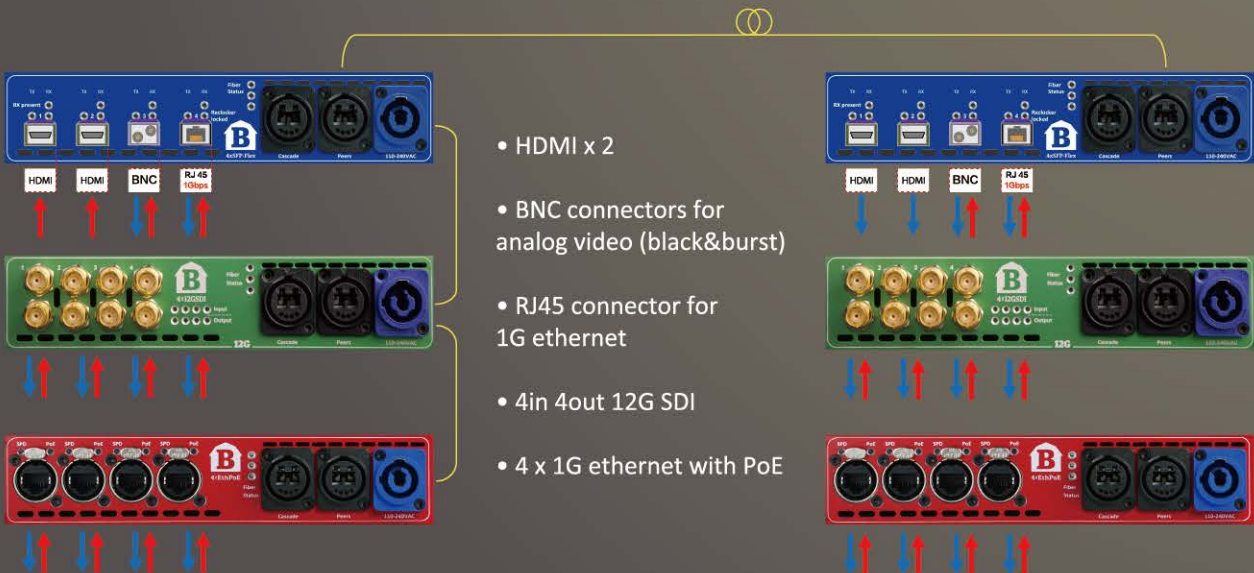

A standard point to point transmission

- Any SFP can be used
- Singlemode or multimode MSA and non-MSA Transceiver SFPs Supported
- Can convert between Singlemode and Multimode
- Supports SDI, Analog Video (BB), Ethernet and HDMI SFPs

A mixed signal format setup

- Optical 10G Ethernet
- BNC I/O connectors for cameras supporting SDI (up to 10G; 12G Optional)
- RJ45 connector for 1G Ethernet

A mixed signal format setup in a cascade

- HDMI x 2
- BNC connectors for analog video (black&burst)
- RJ45 connector for 1G ethernet
- 4in 4out 12G SDI
- 4 x 1G ethernet with PoE