Barnfind

One Fiber - All Signals

BarnColor

– SIMPLICITY TO PERFECTION

is the **new solution** for transmitting your video, audio and data signals.

Broadcast Quality

No Latency
No Compression

- ☑ **Cost effective solution**
- ☑ **Easy to use**
- ☑ **Plug & Play**
- ☑ **Small form**
- ☑ **No Latency**
- ☑ **No Compression**

THE CONCEPT

Each **BarnColor** unit is available as SDI or Ethernet version and can cascade maximum 4 boxes (colors) on each side. The boxes can be combined in any variation as long as color is different.
Maximum transmission distance – medium range (approx. 40km) with a minimum of latency – speed of light. Equipped with rugged connectors.

BarnColor - 4×Eth w/PoE

Technical Specifications

RJ45-Ports
- 10Mbit/s - 100Mbit/s - 1000Mbit/s
- PoE 15W per port

Fiber port
- Neutrik opticalCON DUO LITE,

also compatible with duplex Single Mode fiber LC-LC

Power plug
- Neutrik powerCON 20 A
- 100-240VAC
- Max. power consumption 90W

Physical size
- 223mm x 277mm x 44mm (8.8" x 10.9" x 1.7")
- 1.4 kg

- Ethernet
- Audio (Dante, Ravenna etc.)
- KVM
- NDI
- Video Wall
- PTZ

Barnfind Technologies AS [BarnOne • BarnMini • BarnColor • BarnStudio]

BarnColor - 4x3GSDI

Technical Specifications

BNC-Ports
• SMPTE 259M, 292M, 372M, 424M, DVB-ASI
• Multirate reclocking of outputs 270Mbps – 3Gbps

Fiber port
• Neutrik opticalCON DUO LITE, also compatible with duplex Single Mode fiber LC-LC
• SMPTE 297M

Power plug
• Neutrik powerCON 20 A
• 100-240VAC
• Max. power consumption 15W

Physical size
• 223mm x 277mm x 44mm (8.8" x 10.9" x 1.7")
• 1.4 kg

• **SD, HD, 3G SDI**
• **MADI**
• **AES/EBU**
• **SDTI**
• **ASI**

BarnColor - 4x12GSDI

Technical Specifications

• **SD, HD, 3G - 12G SDI**
• **MADI**
• **AES/EBU**
• **SDTI**
• **ASI**

BNC-Ports
• SMPTE 258M, 292M, 372M, 424M, DVB-ASI, SMPTE ST-2081, ST-2082
• Multirate reclocking of outputs 270Mbps – 12Gbps

Fiber port
• Neutrik opticalCON DUO LITE, also compatible with duplex Single Mode fiber LC-LC
• SMPTE 297M

Power plug
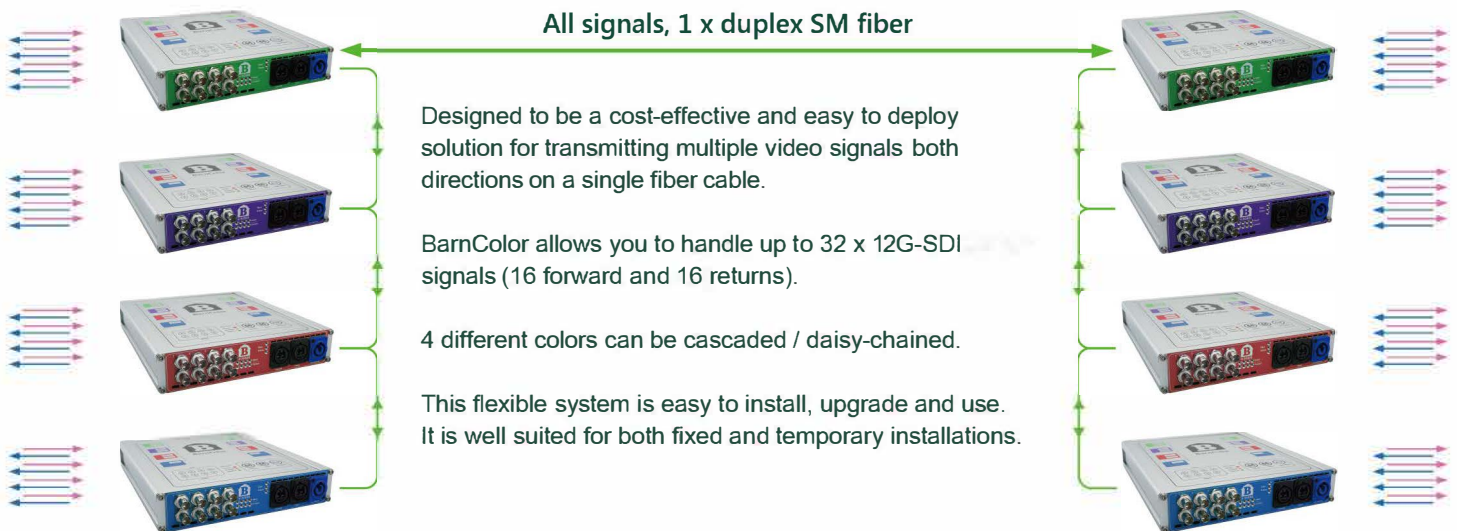• Neutrik powerCON 20 A
• 100-240VAC
• Max. power consumption 15W

Physical size
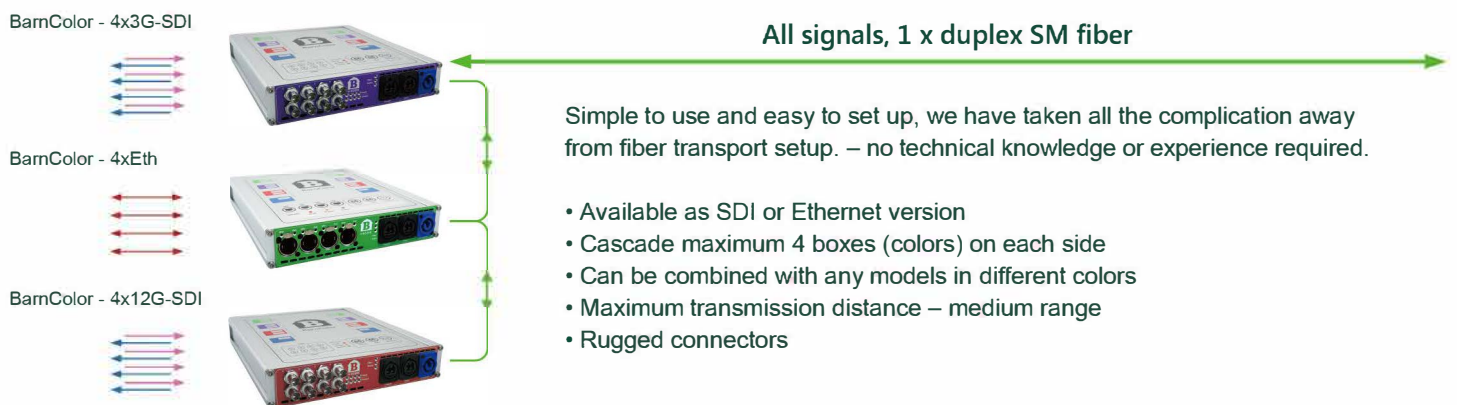• 223mm x 277mm x 44mm (8.8" x 10.9" x 1.7")
• 1.4 kg

Application – Examples

Maximum quantity per link...

All signals, 1 x duplex SM fiber

Designed to be a cost-effective and easy to deploy solution for transmitting multiple video signals both directions on a single fiber cable.

BarnColor allows you to handle up to 32 x 12G-SDI signals (16 forward and 16 returns).

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 installations.

... With a variety of signals...

All signals, 1 x duplex SM fiber

BarnColor - 4x3G-SDI

BarnColor - 4xEth

BarnColor - 4x12G-SDI

Simple to use and easy to set up, we have taken all the complication away from fiber transport setup. – no technical knowledge or experience required.

• Available as SDI or Ethernet version
• Cascade maximum 4 boxes (colors) on each side
• Can be combined with any models in different colors
• Maximum transmission distance – medium range
• Rugged connectors

... Combined with other product series!

All signals, 1 x duplex SM fiber

MUX/DeMux

Combine BarnColor with other Barnfind products:

• Crosspoint switch
• Signal monitoring
• Redundancy switch
• Signal distribution
• Signal convertion
• 3rd party control
• Alarms

B BarnfindTechnologies