

BN328 Series

8K/48G Optical Interface

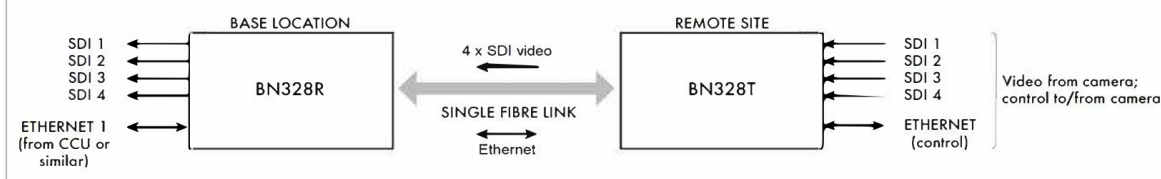


Description:

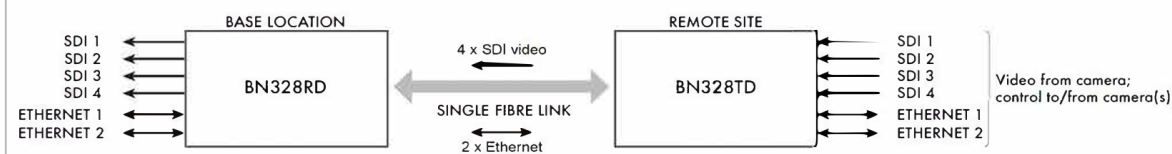
- Compact stand-alone fibre interfaces designed for remote video applications up to 8K.
- Support transport of four independent SDI signals (SD, HD, 3G, 6G, 12G) plus 1–2 Gigabit Ethernet streams over a single fibre up to 20 km.
- Ideal for remote 8K cameras with quad 12G outputs and Ethernet control, or any application needing multi-signal + data transport.
- Features optical expansion port for cascading with a second BN328 or other optical source to double fibre capacity.
- Connections include 4x BNC for SDI, 1–2x RJ45 for Ethernet, and dual LC optical connector for fibre.
- Variants:
 - BN328T – Quad SDI + Ethernet to LC fibre output
 - BN328R – LC fibre input to Quad SDI + Ethernet outputs
 - BN328TD – Quad SDI + dual Ethernet to LC fibre output
 - BN328RD – LC fibre input to Quad SDI + dual Ethernet outputs

BN328 Configuration

Quad SDI and single Ethernet variants: BN328R and BN328T:



Quad SDI and dual Ethernet variants: BN328RD and BN328TD:



Ordering Information

The first four variants listed below operate using "High Band" optical wavelengths in the range 1470 to 1610 nm:

BN328T transmitter - quad SDI inputs plus Ethernet to an LC fibre output

BN328R receiver - LC fibre input to quad SDI outputs plus Ethernet

BN328TD transmitter - quad SDI inputs plus dual Ethernet to an LC fibre output

BN328RD receiver - LC fibre input to quad SDI outputs plus dual Ethernet

The four additional variants below are functionally identical to those above, but use "Low Band" optical wavelengths in the range 1270 to 1410 nm. A High Band unit and a Low Band unit can be cascaded using the optical expansion port to double the signal capacity on the single fibre length.

BN328T-L transmitter - quad SDI inputs plus Ethernet to an LC fibre output

BN328R-L receiver - LC fibre input to quad SDI outputs plus Ethernet

BN328TD-L transmitter - quad SDI inputs plus dual Ethernet to an LC fibre output

BN328RD-L receiver - LC fibre input to quad SDI outputs plus dual Ethernet



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