

RATINGS/PERFORMANCE

Optical Transmission Rate	10.3125G bps Bi-directional – Due to 64b/66b encoding for 10.3125 Gbps there are potential error patterns
Optical Transceiver	SFP+ unit Max. 2 sets
Multiplex Technology	Ikegami original optical packet multiplexing
Coding Technology	64b/66b
Fiber Cable / Fiber Connector	Singlemode optical fiber / LC type
Max. Transmission Distance	420 km (recommended Opt. transceiver)
Optical Loss Budget	Approx. 5 dB (1310 nm wave length, with recommended Opt. transceiver)
Video Transmission Channels	Max. 12 ch uncompressed HD-SDI (Optical fiber 2 cores)
Topology	Point to Point, Single direction or Bidirectional/Cascade unidirectional connection (max. 8 stations in the network), Loop connection (max. 8 stations in the network)
Expansion Slot	2 slots (Hot-swap not supported)
LAN Port	100 BASE-TX (2-point Bridged)
	100 BASE Duplex
System Set-Up	by PC with dedicated application software
Transmission Setting	Broadcast distribution
Video Transmission Delay	Less than 200 μ sec (8x HD-SDI in Loop connection) Disconnection of the cables / Power cycle affects the actual latency.
Rated Power Input	DC12V +/- 10% (Battery operation not supported)
Power Consumption	Approx. 30 W (with 2x HD-SDI input cards)
Operating Temperature	0°C to 40°C
External Dimensions	181 mm (W) x 44 mm (H) x 255 mm (D) excl. protrusions
Weight	Approx. 1.8 kg (configured with 2x IF cards)
Accessories	Blank panels (for Expansion slot), Optical ports protector