

FEATURES

- ▷ Single Wire 4K Switching
- ▷ GPI Remote Control
- ▷ Provides Two Output Copies
- ▷ Stand-alone or Rack-mount
- ▷ Rack Compatible with VB-10s
- ▷ Rugged Aluminum Enclosure
- ▷ Designed and Manufactured in USA
- ▷ Three Year Warranty

APPLICATIONS

- ▷ Fly-Packs
- ▷ QC Monitoring
- ▷ Transmission



The QS2-RTR-8X1-12G is a front panel switchable 8 to 1 switch for 4K UHD 12 Gb/s and 6 Gb/s, HD 3 Gb/s and 1.5 Gb/s, and SD 270 Mb/s signals providing up to 2 equalized and reclocked outputs of the chosen input in a 1RU / half rack VB10 enclosure.

QS2-RTR-8X1-12G REAR PANEL CONNECTIONS



TECHNICAL SPECIFICATIONS

Video

Video Input Digital	• 8 x 12G-SDI BNC, SMPTE-259/292/424/2081/2082
Video Output Digital	• 1 (2 copies, non-inverting) x 12G-SDI BNC, SMPTE-259/292/424/2081/2082

Cable Equalization

(Belden 1694A coax)	270 Mbps = 405m, 1.5 Gbps = 195m, 3 Gbps = 190m, 6 Gbps = 120m, 12 Gbps = 40m
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Reclocking

Auto Select - 125 Mbps, 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.967 Gbps, 2.970 Gbps, 5.934 Gbps, 5.940 Gbps, 11.868 Gbps, 11.880 Gbps
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Physical and Power

Size	(7.25" x 8.62" x 1.75")
Weight	2 lbs. 7.25 oz
Power	+5-20VDC, regulated, 3 watts, power supply required, included with purchase
AC Adapter	100-240VAC, 50/60 Hz, universal input

Environment

Safe Operating Temperature	-20 to 55 degrees C (-4 to 131 degrees F)
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ORDERING INFORMATION

Part #	DESCRIPTION
QS2-RTR-8X1-12G	12G/6G/3G/HD/SD-SDI 8X1 Router with front panel push button and GPI control. Includes power supply.
RM-1RU-VX	Universal Rack Kit for mounting up to (2) QS2 products in a 1 RU rack space
ERPI-2.5MM-3FL-P	External Redundant Power Interface
MDS050-P120	Spare/Redundant 12VDC power supply for QS2 Series