

### FEATURES

- ▷ Single Wire 4K Switching
- ▷ Provides Two Output Copies
- ▷ Rugged Aluminum Enclosure
- ▷ Stand-Alone or Rack-Mount

### APPLICATIONS

- ▷ QC Monitoring
- ▷ Fly-Packs



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-VB10-1	Single Unit Rack Kit for mounting ( 1 ) QS2 Router in 1RU Rack Space
RM-VB10-2	Dual Unit Rack Kit for mounting ( 2 ) QS2 Routers in 1RU