

SDI 8 x 8 Router.



FEATURES

- Front panel or remote control
- Switching reference input
- Monitoring output (SDI)
- Transparent to ancillary data
- Equalising and re-clocking

The V1654 module provides selection of eight serial digital outputs from eight serial digital inputs. Automatic equalisation is provided on all inputs and the outputs are reclocked. Input selection is made using switches on the front panel of the module or remotely over DART from a PC or dedicated control panel. In addition to the eight inputs and eight outputs, an SDI reference input and an SDI monitoring output (which follows the destination selector) are provided.

The V1650 Router Remote Control Interface Module is available to piggy-back onto the V165X series router modules to provide isolation between the on-board control system and any custom control panels. This module occupies another module slot and provides a rear panel connector for the additional control panel. It is only intended for situations where direct remote control of the V165X router is required. Normally these router modules can be controlled via any of the Vistek control systems without the need for this additional module.

Technical Specification

Serial Inputs (8)

Sampling	4:2:2 or 4fsc, 10 bit
Line/field rate	525/60 and 625/50
Bit-serial	To ANSI/SMPTE 259M-1993 and EBU Tech.3267-E
Data rate	143, 177, 270 & 360Mb/s
Cable equalisation	Automatic up to 250m (Belden 8281)
Impedance	75 ohm terminating
Return loss	>15dB, 5-270MHz

Analogue Reference Input

Signal	Colour black, 1V p-p compsite
Connector	BNC
Termination	75 ohm
Return loss	>35dB to 5.5MHz

Serial Outputs (8 + 1 Monitoring o/p)

Bit-serial	To ANSI/SMPTE 259M-1993 and EBU Tech.3267-E
Data rate	143, 177, 270 & 260Mb/s
Cable drive	Up to 250m (Belden 8281)
Impedance	75 ohm
Return loss	>15dB, 5-270MHz
Amplitude	800mV p-p (terminated)
Rise and fall times	0.75ns - 1.5ns
Data jitter	+/-250ps

Ordering Information

V1654	SDI 8 x 8 Router
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All Pro-Bel's quoted prices for interface modules include the supply of one suitable rear module. Please specify type required when placing order:

V16VR3B	3RU
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Note: Special versions of rear module are available on request.

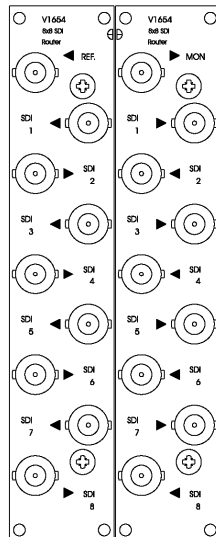
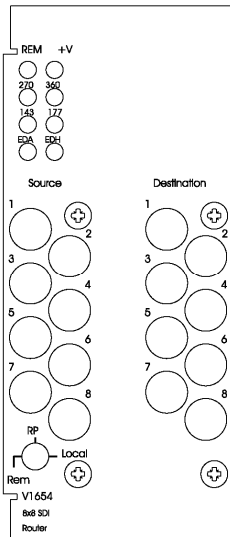
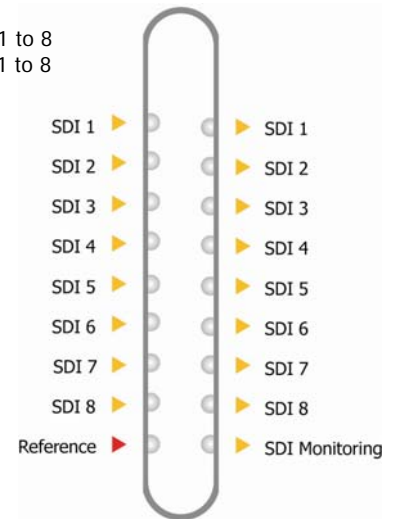
The price quoted includes one rear module. Please specify type required when placing order.

2 x V16VR3B	3RU	N/A	1RU
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Note: Special versions of rear module are available on request.

Controls

Output Source Select	1 to 8
Input Source Select	1 to 8



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