

FEATURES

- Front panel & remote control
- Equalising & Re-clocking
- Transparent to ancillary data
- Switching reference input

SELECTION OF ONE SERIAL DIGITAL OUTPUT FROM EIGHT SERIAL DIGITAL INPUTS.



The V1652 module provides selection of one serial digital output from eight serial digital inputs. Automatic equalisation is provided on all inputs and the output is relocked. Input selection is made using switches on the front panel of the module or remotely over DART from a PC or 1RU dedicated control panel.

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.

V1652

SDI 8 x 1 Router

Technical Specification

Serial Inputs (7/8)*

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

Serial Output

Bit-serial	To ANSI/SMPTE 259M-1993 and EBU Tech.3267-E
Data rate	143, 177, 270 & 360Mb/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

* Only seven inputs are available if the analogue reference is used.

Ordering Information

V1652	SDI 8 x 1 Router
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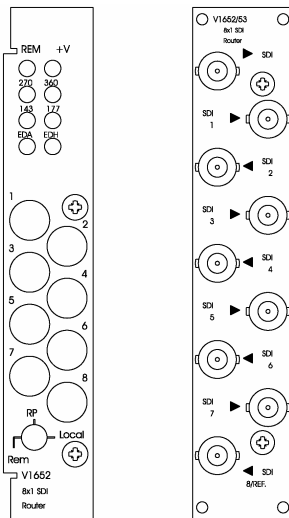
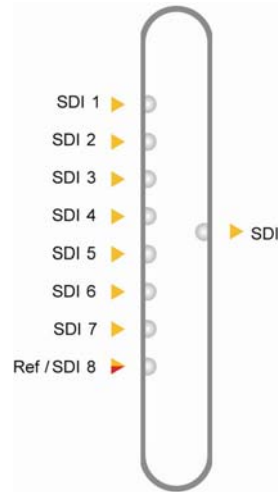
All Pro-Bel's quoted prices for interface modules include the supply of one suitable rear module. Please specify type required when placing order:

V16VR3B	3RU
V16VR1B	1RU

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

Controls

Source Select



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