

V6351 & V6353



SDI/Audio Mux/De-Mux.



FEATURES

- Up to 4 AES channels supported
- Option for analogue audio

The V6351 and V6353 are a family of modules designed to meet the demand for handling audio and video within a copper cable infrastructure. Each version is available with a variety of options, and collectively, virtually all scenarios for embedded audio can be handled. There is also an equivalent family of modules (V6751 and V6753) that have been designed to provide similar facilities, but for use with a fibre infrastructure. A separate datasheet on these products is available.

The V6351 is a SDI / audio multiplexer, equipped with either dual switchable SDI inputs and a single SDI output, or with a single SDI input and dual SDI outputs (link selectable). It can be equipped with either analogue or AES inputs. Up to 2 AES (4 analogue) audio streams can be embedded. It is also available as the V6351Q, which can embed up to 4 AES (8 analogue) streams.

The V6353 is the equivalent module for de-multiplexing applications. It also has the input switching capacity, and in Q format supports 4 AES (8 analogue) audio channels.

Technical Specification

Serial Video Input

Sampling	SMPTE 259M
Line/field rate	525/60 and 625/50
Bit-serial	To ANSI/SMPTE 259M-ABC and EBU Tech. 3267-E 270Mbps
Data rate	Automatic up to 250m (Belden 8281)
Cable equalisation	75 ohm terminating
Impedance	>15dB, 5-270MHz
Return loss	

Digital Audio Inputs

Audio format	AES-3
Channels	Up to 4 AES (8 mono analogue)

Serial Video Output

Sampling	SMPTE 259M
Line/field rate	525/60 and 625/50
Bit-serial	To ANSI/SMPTE 259M-ABC and EBU Tech. 3267-E 270Mbps
Data rate	Automatic up to 250m (Belden 8281)
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Digital Audio Outputs

Audio format	AES-3
Channels	Up to 4 AES (8 mono analogue)

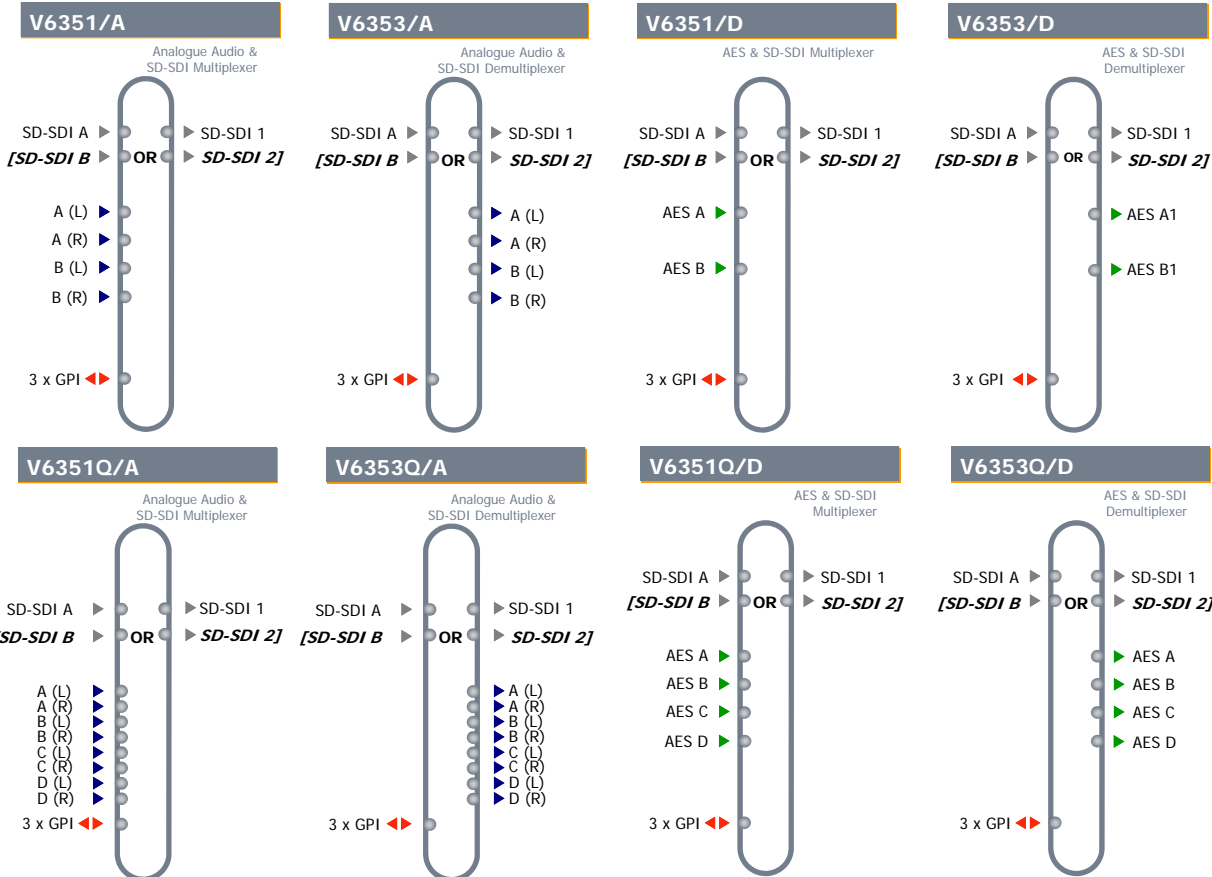
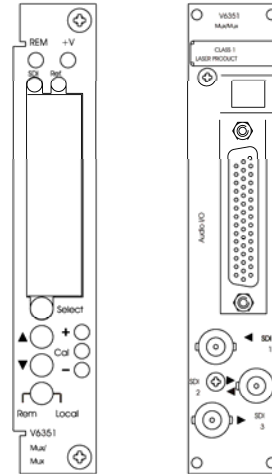
Ordering Information

V6351/D	SDI Multiplexer with 2 AES inputs
V6351/A	SDI Multiplexer with 4 analogue inputs
V6351Q/D	SDI Multiplexer with 4 AES inputs
V6351Q/A	SDI Multiplexer with 8 analogue inputs
V6353/D	SDI De-Multiplexer with 2 AES outputs
V6353/A	SDI De-Multiplexer with 4 analogue outputs
V6353Q/D	SDI De-Multiplexer with 4 AES outputs
V6353Q/A	SDI De-Multiplexer with 8 analogue outputs

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

V16VR3R	3RU
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Note: Special versions of rear module are available on request.



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