

## FEATURES

- ▷ Genlock/Sync
- ▷ Remote camera and system power (optional)

## APPLICATIONS

- ▷ Camera signal extender
- ▷ Studio link

### An economic solution designed for fiber transmission



Transmit

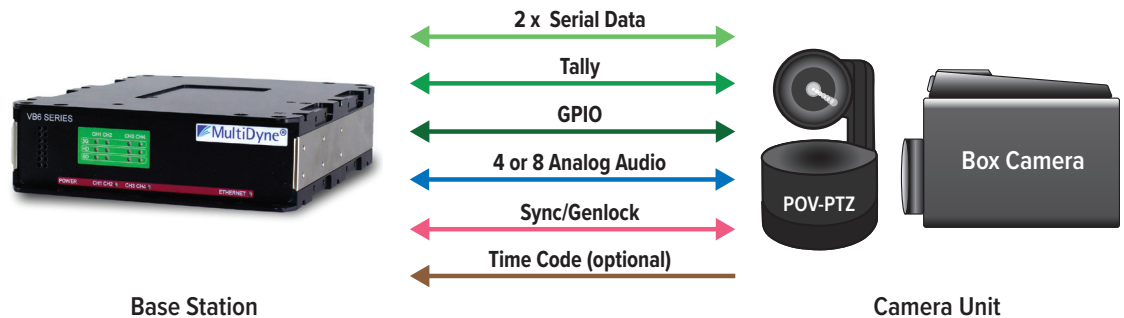


Receive

The VB-3605 is part of the versatile LightBrix line of compact, rugged fiber transport products. Ideal for a box camera mounted to a robotic PTZ head, the VB-3605 will transport a full complement of camera signals, including 4K quad link, as well as an option to supply power to the transmitter and camera, via

an SMPTE hybrid cable. By utilizing the SMPTE cables fiber strands for signal transport and its copper wires for power, the transmitter unit, camera and PTZ head all receive power from the base unit. This allows for flexible setup, strike, and mobility by having the entire camera position free of power outlets.

## APPLICATION



## TECHNICAL SPECIFICATIONS

### Serial Data

Number of Channels	2
Type	RS232, RS422
Data Rate	DC – 1Mbps

### Tally/GPIO

Number of GPI Inputs	1
Number of Tally Inputs	1
Number of GPI Outputs	1
Number of Tally Outputs	1
Inputs	Short to GND or TTL Low to Activate
Outputs	Relay Contact Closure (30V, 2A max)

### Genlock/Sync

Number of Inputs	1
Number of Outputs	1
Type	Analog Black Burst (NTSC, PAL), HD Tri-Level

### Optical

Operating Wavelengths	1471-1611nm
Tx Laser Output Power	0dBm (Class 1 Laser)
Receiver Sensitivity	-20dBm
Fiber Compatibility	Single-mode
Optical Connector Types	SC, ST, LC
Distance Limit	20km w/Single-mode and can be made as per

### Overall

Dimensions	(LxWxH) 7.25"x5.75"x1.75"
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### Power

Power Input:	2.5mm jack
Center Pin	+
Power Rating:	nominal15w max@12 VDC

### Audio

# of Input Channels	4 or 8 Input
# of output Channels	4 or 8 Output
Type	Balanced analog line levels, AES3 or ACS3, selectable in groups of 2

## ORDERING INFORMATION

### VB-3605 (Audio)

Part #	Description
VB-3605-XX-4A-XX-ST	4 Ch. Two-way Analog Audio Transceiver with 2 Serial Data, 1 Tally & GPIO, 1 Single-mode fiber, ST connector a (Requires VB-3605-XX-4B-XX-ST for operation)
VB-3605-XX-4B-XX-ST	4 Ch. Two-way Analog Audio Transceiver with 2 Serial Data, 1 Tally & GPIO, 1 Single-mode fiber, ST connector (Requires VB-3605-XX-4A-XX-ST for operation)
VB-3605-XX-8A-XX-ST	8 Ch. Two-way Analog Audio Transceiver with 2 Serial Data, 1 Tally & GPIO, 1 Single-mode fiber, ST connector (Requires VB-3605-XX-8B-XX-ST for operation)
VB-3605-XX-8B-XX-ST	8 Ch. Two-way Analog Audio Transceiver with 2 Serial Data, 1 Tally & GPIO, 1 Single-mode fiber, ST connector (Requires VB-3605-XX-8A-XX-ST for operation)