



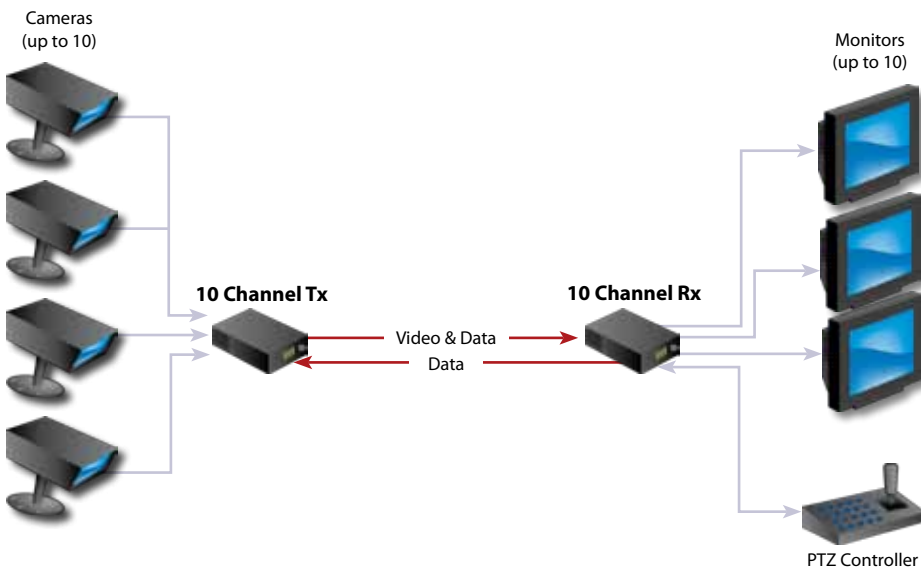
## 3334 Video Multiplexer Series with Two-Way Data

10 Channel Composite Video Multiplexer with bi-directional data over one single mode or multimode fiber

### Ideal Applications:

Security, Remote Monitoring, Command and Control Centers

| Signal | Channels | Direction |
|--------|----------|-----------|
| Video  | 10       | →         |
| Data   | 1        | ↔         |



### Features

Multiplexes up to 10 composite video signals on one fiber

Supports one bi-directional data channel for RS-232, RS-424 or RS-485

Versions for multimode or single mode fiber

No adjustments; pure digital processing and transmission

Full color, uncompressed, real-time transmission in NTSC, PAL or SECAM

Built-in diagnostic LEDs for each channel and a loss of signal/broken fiber alarm

Internal, universal power supply with AC line cord

One rack unit high (1.75 inches). Rackmount ears included with unit

### Ordering Information

| Part Number | Description | Fiber Cores |
|-------------|-------------|-------------|
| 3334-Sy-pp  | Transmitter | 1           |
| 3335-Sy-pp  | Receiver    | 1           |

#### Part Number Suffix Codes:

**y:** 7 - Single Mode  
5 - Multimode

**pp:** NA - North America      AU - Australia      EU - Europe  
JP - Japan                      UK - United Kingdom

### Sales



**CSI** Communications Specialties, Inc.

631-273-0404 | [commspecial.com](http://commspecial.com)  
[info@commspecial.com](mailto:info@commspecial.com)



**3334 Video Multiplexer Series  
with 2-Way Data**



**Operating Loss Budget  
& Maximum Usable Distance\***

| Wavelength | Loss(dB)** | Distance (km) |
|------------|------------|---------------|
| SM         | 0-18       | 50            |
| MM (50u)   | 0-14       | 1.3           |
| MM (62.5u) | 0-18       | 1.0           |

SM = Single Mode Fiber  
MM = MultiMode Fiber

\*Distance specifications are only approximate and are not guaranteed. Operating loss budget must not be exceeded.



Backed by a 30-day satisfaction guarantee and a three-year limited warranty on parts and labor. See website for terms and conditions.

**Sales**



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631-273-0404 | [commspecial.com](http://commspecial.com)  
[info@commspecial.com](mailto:info@commspecial.com)

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**Video Specifications**

|                                                     |                         |
|-----------------------------------------------------|-------------------------|
| Number of Channels                                  | 10                      |
| Number of Fibers                                    | 1                       |
| Video Bandwidth<br>(all channels at rated distance) | 10 Hz - 6.5 MHz (-3 dB) |
| Video Input                                         | 1 volt p-p              |
| Input/Output Impedance                              | 75 Ohms                 |
| Differential Gain                                   | <1.5% typical           |
| Differential Phase                                  | <1 degree typical       |
| Signal-to-Noise Ratio                               | >63 dB (CCIR weighting) |
| Video Connectors                                    | BNC                     |

**Data Specifications**

|                      |                                                                |
|----------------------|----------------------------------------------------------------|
| Number of Channels   | 1 (bi-directional)                                             |
| Interfaces Supported | RS-232, RS-424, RS-485<br>2 Wire & 4 Wire<br>Switch Selectable |
| Maximum Data Rate    | 100 Kbps                                                       |
| Protocols            | NRZ, NRZI, RZ, Manchester, Bi-phase                            |
| Data Connectors      | Screw Terminal Block                                           |

**General Specifications**

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| Operating Wavelength       | Video & Data: 1310 nm<br>Return Data (SM): 1550nm<br>Return Data (MM): 850nm |
| Optical Connectors         | ST                                                                           |
| Operating Temperature      | 0 to +55 degrees C                                                           |
| Relative Humidity          | 10% - 90% (non-condensing)                                                   |
| Operating Power            | 95-250 VAC, 47-63 Hz                                                         |
| Size                       | 1.75 H x 16.75 W x 10 D (inches)<br>44 H x 425 W x 254 D (mm)                |
| Weight                     | Approx. 5.5 lbs; 2.5 kg                                                      |
| Fiberlink Matrix Compatibe | No                                                                           |

**Want to learn more about fiber?**

Log on to [commspecial.com](http://commspecial.com) for fiber related resources written for  
Pro A/V Professionals by Pro A/V Professionals!