

# Fiber Optic Product Innovation and Introduction

Drop and Insert Video

Video/Data for Pelco Dome Cameras

Digital Video with Bidirectional Data  
and Fast Ethernet Port

2-Channel Bidirectional Digital Audio  
with One Bidirectional Contact

2-Channel Video with 4-Channel Data

4-Channel Video with 4-Channel Data

8-Channel Video with 8-Channel Data

Single-Channel Self-Healing Ring

4-Channel Self-Healing Ring

8-Channel Self-Healing Ring





FVT/FVR107

### Drop and Insert Video Redundant Point-to-Point

The ComNet™ FVT/FVR107 series provides 10-bit digital short haul video quality plus one bidirectional data channel and a dual optical port redundant Point-to-Point topology plus eight contact closures and two alarm relays



FVT/FVR4014

### Next Generation Four-Channel Video with Four-Channel Data

The ComNet FVTFVR4014 features 4 channels of 10-Bit, Short-Haul Quality Digital Video with four channels of RS-232, RS-422 and 2/4-wire RS-485 Serial Data. Offered in the ComFit interchangeable stand-alone and rack mount version.



FVT1031/P

### 10-Bit Digital Video with Bidirectional Data Transmitter for Pelco Dome Cameras

The ComNet™ FVT1031/P series video transmitter along with the ComNet™ FVR1031 series receiver supports simultaneous broadcast-quality video transmission of 10-bit digital video and bidirectional RS422 data over one multimode or single mode optical fiber. The FVT1031/P is designed to plug directly into the Pelco Spectra III/IV dome, and connects with power, video input and two-way data via the Pelco electrical connector. - 10-bit digital video transmission.



FVT/FVR8018

### Next Generation Eight-Channel Video with Eight-Channel Data

The ComNet FVTFVR8018 features eight channels of 10-Bit, Short-Haul Quality Digital Video with eight channels of RS-232, RS-422 and 2/4-wire RS-485 Serial Data. Offered in the ComFit interchangeable stand-alone and rack mount version.



FVT/FVR1010SHR

### Self-Healing Ring/Drop and Insert Video/Data

The ComNet™ FVT/FVR1010SHR series of optical video links provides one 10-bit digital video channel, medium haul video quality, and one bidirectional data channels and a “Dual Optical Port” (DOP) Self-Healing Ring (SHR) topology. Up to (8) video channels and multiple video receivers can be “Daisy Chained” on one optical fiber. The Self-Healing Ring (SHR) topology using the Dual Optical Ports (DOP) provide fail safe operation in the event of loss of one fiber or one optical module.



FVT/FVR10D1EM

### 10-bit digital video + Bidirectional data + 10/100 Mbps fast Ethernet

The ComNet™ FVT/FVR10D1E series video transmitter/ receiver and data transceiver and the FVT10D1EM mini transmitter and data transceiver support the simultaneous transmission of short haul quality 10-bit EIA RS-250C digital video with one bidirectional data channel plus one 10/100 Mbps fast Ethernet port.



FVT/FVR4014SHR

### Four Channel Self-Healing Ring/ Drop and Repeat

The ComNet™ FVT/FVR4014SHR series of optical video links provides four 10-bit digital video channels, medium haul video quality, and four bidirectional data channels and a “Dual Optical Port” (DOP) Self-Healing Ring (SHR) topology. Up to (8) video channels and multiple video receivers can be “Daisy Chained” on one optical fiber. The Self-Healing Ring (SHR) topology using the Dual Optical Ports (DOP) provide fail safe operation in the event of loss of one fiber or one optical module.



FVT/FVR2014

### Two Channels of Bidirectional 24-Bit Digital Audio with One Bidirectional Contact

The ComNet™ FVT/FVXA2C1 series audio multiplexer provides the transmission of two bidirectional audio signals and one bidirectional contact closure over one multimode or single mode optical fiber. The modules use 24-bit 96kHz sample rate digital encoding for superior transmission of balanced line-level audio



FVT/FVR8018SHR

### Eight Channel Self-Healing Ring/ Drop and Repeat

The ComNet™ FVT/FVR8018SHR series of optical video links provides eight 10-bit digital video channels, medium haul video quality, and eight bidirectional data channels and a “Dual Optical Port” (DOP) Self-Healing Ring (SHR) topology. Up to (8) video channels and multiple video receivers can be “Daisy Chained” on one optical fiber. The Self-Healing Ring (SHR) topology using the Dual Optical Ports (DOP) provide fail safe operation in the event of loss of one fiber or one optical module.



FVT/FVR2014

### Next Generation Two-Channel Video with Four-Channel Data

The ComNet FVTFVR2014 features two channels of 10-Bit, Short-Haul Quality Digital Video with four channels of RS-232, RS-422 and 2/4-wire RS-485 Serial Data. Offered in the ComFit interchangeable stand-alone and rack mount version.