

## Video

- Base-band, cost-effective AM or digitally encoded transmission.
- One, two and four channel Receivers available.
- Wide range of miniature transmitter – 12 VDC, 24 VAC
- Receiver available as miniature or the ComFit interchangeable size.



## Data

- Available as point-to-point, drop-and-insert and self-healing ring.
- Transmits RS232, RS422, 2/4 wire RS485, Manchester and Bi-phase data.
- Available as miniature size surface mount or ComFit interchangeable size.



## Video with Bi-directional Data and Up-the-Coax

- 10-Bit digitally encoded video transmitter and receiver with bi-directional data.
- Offered in either a small-size package or the ComFit interchangeable size.
- FVT/FVR109A offers bi-directional serial and Up-the-Coax data plus simplex contact.
- Supports RS232/422 and 2- or 4-wire RS485 data and Manchester, Bi-Phase and Sensornet data formats.
- Time-base correction available for extended Up-the-Coax distance.



## Ten-Bit Digitally Encoded Video with One Bi-Directional Data Channel and One 10/100 Mbps Fast Ethernet Port

- Supports the simultaneous transmission of short-haul quality 10-bit EIA RS250C digitally encoded video with one bidirectional data channel plus one 10/100Mbps fast Ethernet port.
- Offered in either a small-size package or the ComFit interchangeable size.
- Offers Bi-directional serial or Up-the-Coax data.
- Supports RS232, RS422 and 2- or 4-wire RS485 data and Manchester, Bi-Phase and Sensornet data formats.



## Video Multiplexers and Video with Data Multiplexers

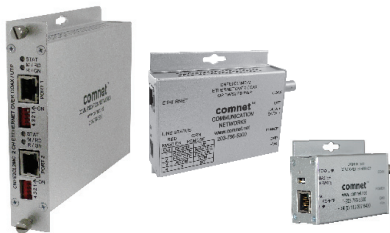
- 10-Bit short-haul quality digitally encoded video
- Data channels support RS232, RS422 and 2- or 4-wire RS485 Serial Data.
- Two, four and eight channels offered in the ComFit interchangeable size.
- Twelve to thirty-two channels are installed in a 19" rack chassis with integral PSU.



## Self-Healing Ring Transmission

- Provides eight 10-bit digitally encoded video channels, medium haul video quality, and eight bidirectional data channels.
- Transmission via "Dual Optical Port" (DOP) Self-Healing Ring (SHR) topology.
- Up to eight 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) provides fail safe operation in the event of a loss of one fiber or one optical module.
- Available as one-, four- or eight- channel transmitter and receiver.
- <5 millisecond recovery time ensures no loss of video during a fiber cable break.
- "Plug & Play" design ensures the system is no more complex to install than traditional CCTV equipment.
- Exclusive intelligent fault detection by contacts - the user can locate a fault from a simple glance at any unit in the network using a simple blinking LED format that includes a contact closure output.





## ComWorx Ethernet over Twisted Pair or Coaxial Cable (75Ω)

- These EoVDSL units use existing infrastructure wiring and connect with a twisted pair connector or common coaxial CCTV cable (75Ω).
- Transmission distance of 500m over Coax and up to 3000m over twisted pair
- Extends distances over conventional CAT5/6 cable.
- EoVDSL units are available as one-channel miniature or two-channel ComFit interchangeable size.
- Low cost version for indoor use (0° – 60°C) available.



## ComWorx Media Converters (including PoE capability)

- Full selection of electrical to optical media converters.
- Transmits 100BaseT and 1000BaseT via single mode and multimode fiber.
- Fixed optic and small-form-factor pluggable optics (SFP) models available
- ComNet media converters are available in one- or two-fiber designs and ST, SC and LC connector types.
- One channel miniature or two channel ComFit interchangeable size.
- New media converter including the PoE capability for 60 Watts.



## Next Generation Ten Port Managed Ethernet Switches

- Hardened ten port Managed Ethernet Switches
- CNGE3FE7MS2 offers three 1000 Mbps combo ports usable with interchangeable small form factor pluggable (SFP) devices as optical interfaces and seven 10/100 Mbps TX ports.
- CNGE2FE8MSPOE offers two 1000 Mbps combo ports and eight 15,4 Watt PoE 10/100BaseT ports.
- IGMP Snooping V1/V2 for multicast filtering and IGMP Query V1/V2
- Port based VLAN (IEEE 802.1Q)
- Rapid Spanning Tree protocol (IEEE 802.1W)
- DHCP Server



## ComWorx Twenty-Four Port Managed Ethernet Switches

- CNGE2FE24MS has twenty-four 10/100 Mbps TX ports and two 1000 Mbps ports that utilize easily interchangeable small form factor pluggable (SFP) devices.
- Hardened Ethernet switch, designed to operate in environments with extreme temperature and vibration conditions.
- CNGE2FE24MSPOE offers 24 IEEE802.3af Power over Ethernet (PoE) Ports with 15,4 Watt capability on each PoE port.
- CWGE24MODMS has 3 modular slots for use as copper, fixed optics or SFP, all capable of handling Gigabit Ethernet.
- IGMP Snooping V1/V2 for multicast filtering and IGMP Query V1/V2
- Port based VLAN (IEEE 802.1Q)
- Rapid Spanning Tree protocol (IEEE 802.1W)
- DHCP Server

**ComFit**  
innovation

Rack or Surface Mount –  
ComFit simplifies ordering.



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