

Introduces Innovative Fiber Optic and Ethernet Products



Video

- Base-band, cost-effective AM or 8 and 10 bit digitally encoded transmission.
- One, two, and four channel receivers available.
- Wide range of miniature transmitter – 12 VDC, 24 VAC Power
- Receiver available as miniature or the ComFit interchangeable size.



Data

- Point-to-point, drop-and-insert and self-healing ring with up to 1 Mbps
- Transmits RS232, RS422, 2/4 wire RS485, Manchester and Bi-phase data.
- Miniature size surface mount or ComFit interchangeable size.



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

- 10-Bit digitally encoded video with bi-directional data, contact and time-base corrected Up-the-Coax
- Cost-Effective Digitally Encoded Video with Bi-Directional Data and Contact Closure with 2 Channel receiver option
- Offered in either a small-size package or the ComFit interchangeable size.
- Supports Up-the-Coax data from all major camera manufactures (Bosch, Panasonic, Pelco etc).
- Supports RS232/422 and 2- or 4-wire RS485 data and Manchester, Bi-Phase and Sensornet data formats.
- Internal In-dome models available for Bosch, Pelco and other manufacturers.



Digitally Encoded Video, Bi-Directional Data Channel, Aiphone™ Contact Closure and 10/100 Mbps Fast Ethernet Port

- Supports the simultaneous transmission of up to 4 digitally encoded video channels, 2 bidirectional data channels, one Aiphone intercom channel, 4 supervised contacts and a full 10/100 Mbps fast Ethernet port.
- Available as 1,2, or 4 video channels
- ComFit interchangeable size.
- 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.





CopperLine® Ethernet-over-Copper Extender With 30W PSE PoE

- Transmits one, four, eight, twelve or sixteen individual Ethernet data channels with PoE+ Power Injection or IEEE 802.3at Pass-through PoE+ over standard UTP or Coaxial cable
- Extends Ethernet distances up to 914 m at 10 Mbps or 610 m at 100 Mbps over UTP cable
- Extends Ethernet distances up to 1524 m at 10 Mbps or 610 m at 100 Mbps over Coaxial cable
- Full 10/100 Mbps Bandwidth
- Symmetric Bandwidth with virtually zero packet loss over the total usable distance
- CopperLine® Ethernet over Copper distance extending SFP available for use in standard SFP slots



Media Converters (including PoE capability)

- Full selection of electrical to optical media converters.
- Transmits 100BaseT and/or 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 per unit, miniature or two channel ComFit interchangeable size.
- New media converter including the PoE capability for up to 60 Watts.



Next Generation Managed Ethernet Switches

- Hardened Ethernet switches operate in environments with extreme temperature and vibration conditions.
- IGMP Snooping V2/V3 for multicast filtering and IGMP Query V1/V2
- Port based VLAN, RSTP, MSTP, DHCP Server
- Up to 24 SFP 100FX or 1000FX Slots for flexible use
- Up to 24 full PoE ports with 15,4 W or 30 W
- Up to 28 ports full Gigabit with switching bandwidth up to 56 Gbps
- Electrical Substation-Rated Switches available



NetWave® Wireless Ethernet Transmission

- Up to 95 Mbps and 240 Mbps Versions available
- Single and dual radio units
- 802.11a/n Compliant
- Distances up to 2km (ETSI)
- Powered by the included power injection module or by an IEEE 802.3af PoE compliant device
- Integrated and external antenna
- Environmentally Hardened -40° to +75°C IP 67 or commercial -10° to 60°C IP53
- ETSI Standards for Europe: DFS Dynamic Frequency Selection, TPC Transmit Power Control
- ComNet Antenna alignment feature eases installation and setup
- LED array displays unit operational status along with received signal strength