

SPECIALTY PRODUCTS



Fiber-Optics Transmission Solutions

High Performance Plus Flexibility In A Variety

RGB/DVI

- HIGH RESOLUTION
- AUTO RANGING
- 6GB TOTAL BANDWIDTH
- MULTIMODE OR SINGLE MODE
- 1 FIBER - RGB / DVI
- RACK MOUNTED OR STAND-ALONE VERSIONS
- OPTIONAL - STEREO AUDIO, DATA, KEYBOARD & MOUSE
- SPECTRA SMART DIAGNOSTICS - OPTIONAL



S VIDEO

- FULL 10 BIT PROCESSING
- 1 TO 4 CHANNELS ON 1 FIBER
- MULTIMODE OR SINGLE MODE
- DIGIFLEX SERIES
- RACK MOUNTED OR STAND-ALONE VERSIONS
- AVAILABLE WITH MULTIPLE CHANNELS OF 24 BIT AUDIO AND DATA
- CAN BE COMBINED WITH COMPOSITE VIDEO
- BI-DIRECTIONAL S VIDEO AVAILABLE
- SPECTRA SMART DIAGNOSTICS - OPTIONAL



ETHERNET

- 10/100 BASE T, AUTO NEGOTIATION
- IEEE 802.3 COMPLIANT
- USER SELECTABLE MDI/MDI-X
- SINGLE FIBER REQUIRED
- RACK MOUNTED OR STAND-ALONE VERSIONS
- MULTIMODE OR SINGLE MODE
- WIDE OPERATING TEMPERATURE
- SPECTRA SMART DIAGNOSTICS - OPTIONAL



MULTI CHANNEL VIDEO

- UP TO 128 CHANNELS OF VIDEO
- UNCOMPRESSED, NTSC OR PAL FORMATS
- SINGLE MODE ONLY USING CWDM TECHNIQUES
- 1 FIBER
- 8 OR 10 BIT VIDEO PROCESSING
- CAN BE COMBINED WITH AUDIO OR DATA
- HIGH DENSITY
- RACK MOUNTED ONLY
- SPECTRA SMART DIAGNOSTICS - OPTIONAL



MULTIDROP DATA

- FIELD CONFIGURED - SELF HEALING RING OR LINEAR MULTIDROP
- MULTIMODE OR SINGLE MODE
- RACK MOUNTED OR STAND-ALONE VERSIONS
- MULTI PROTOCOL DATA
- WIDE OPERATING TEMPERATURE RANGE
- BUILT-IN DIAGNOSTICS, SELF DIAGNOSTICS
- SPECTRA SMART DIAGNOSTICS INCLUDED



ALSO AVAILABLE

- T1 / E1
- USB 2.0 FIBER EXTENDER
- FIREWIRE IEEE 1394
- DUAL DVI , HDMI
- SPDIF / AES
- COMPONENT VIDEO
- FIBER OPTIC BYPASS SWITCH
- AUTO SENSING VIDEO SWITCH
- MULTIPLE "UP THE COAX" SIGNALS ON 1 FIBER
- TRANSCEIVER FOR IN-DOME MOUNTING
- AIPHONE AND DUKANE INTERFACE



Markets Served

SCADA
MINING
MEDICAL
ROBOTICS
NUCLEAR FACILITIES
TELECONFERENCING
HOMELAND SECURITY
MILITARY AND GOVERNMENT
PETROLEUM AND CHEMICALS
SECURITY AND SURVEILLANCE
INDUSTRIAL AND MANUFACTURING
INTELLIGENT TRANSPORTATION SYSTEMS

Meridian Advantage

10 REASONS TO CHOOSE MERIDIAN

1. HUGE SELECTION OF EQUIPMENT
2. CUSTOM PRODUCTS USING OFF-THE-SHELF MODULES
3. QUICK DELIVERY
4. OUTSTANDING CUSTOMER SERVICE
5. COMPETITIVE PRICING
6. EASY AND FRIENDLY TO DO BUSINESS WITH
7. HIGH PRODUCT RELIABILITY
8. EXCELLENT WARRANTY
9. GUARANTEED CUSTOMER SATISFACTION
10. IF YOU DON'T SEE WHAT YOU WANT, ASK US

• OEM and customized project inquiries are welcomed

DIAGNOSTIC SYSTEMS

SpectraView™

- AVAILABLE IN DigiSlim™ SERIES
- STANDARD FEATURE - NO ADDITIONAL COST
- DIAGNOSTIC LEDs
- ON SCREEN DISPLAY - LOSS OF OPTICAL SIGNAL, LOSS OF VIDEO, WH DATA AND CONTACT CLOSURE ACTIVITY INDICATORS

SpectraSmart™

- REAL TIME SYSTEM MONITORING AND DIAGNOSTICS
- MONITORING LAN AND WAN SYSTEMS
- EASY TO USE GUI
- VISUAL AND AUDIBLE ALARMS
- ALARM LOGGING
- INDICATES PROBABLE CAUSE OF FAULT AND SUGGEST CORRECTIVE ACTION
- WINDOWS® COMPATIBLE
- COMMUNICATES VIA RS-232, USB OR ETHERNET
- AVAILABLE OPTION ON MOST MODELS



Proudly made in the
U.S.A.



YOUR PARTNER IN FIBER-OPTIC COMMUNICATIONS

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