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PRODUCT BRIEF

VDx013TRM

VIDEO / DATA TRANSCEIVERS



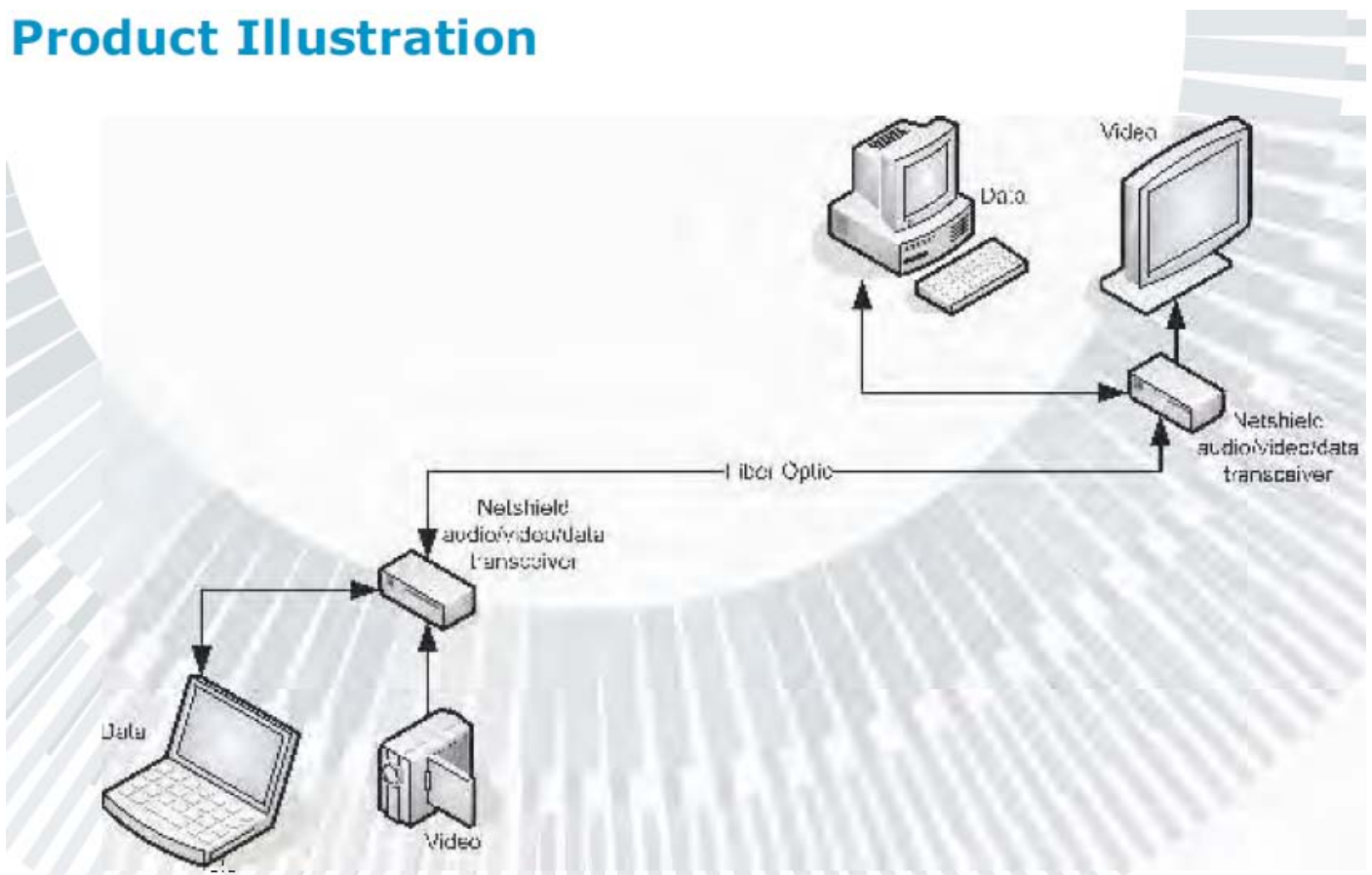
Feature:

- 8-Bit uncompressed video transmission.
- NTSC, PAL or SECAM video standards.
- Transmit up to 30km without optical attenuation.
- Simultaneous transmission of video and data.
- Wide optical dynamic range contact closure.
- No EMI, RFI, cross talk and video distortion.
- No electrical or optical adjustments required.
- LED indicators: instant monitoring of system performance.
- Standalone or rack mount.

Product Description:

The NetShield VDX013TRM Series video/data transmitter and receiver supports broadcast quality transmission of 1, 2, 4, 8 or 16 channels of 8-bit digitally encoded video and return data over one multi-mode and single-mode optical fibre. The units are directly compatible with NTSC, PAL and SECAM CCTV camera systems. The plug-and-play design ensures adjustment-free installation and operation. LED indicators are provided for instantly monitoring system status. The units are available in either standalone or rack-mount versions. The unit is compatible with the NetShield VDR1020 14-slot and VDR4020 12-slot chassis.

Product Illustration



Product Specifications:

VIDEO

Video Input: 1 volt pk-pk (75 ohms)

Bandwidth: 5 Hz - 8 MHz

Bit Resolution: 8-bit

Differential Gain: < 2%

Differential Phase: < 0.6°

Tilt: < 1%

S/N Ratio: 67dB (Weighed)

DATA

Data Interface: RS485, RS422, RS232

Data Rate: 100Kbps

Bit Error Rate: 10

WAVELENGTH

1310/1550nm Single-mode or Multi-mode

OPTICAL EMITTER

Laser Diode

NUMBER OF FIBERS

1

CONNECTORS

Optical: ST

Video: BNC

Data: DB09

GENERAL

Power Supply: AC 110 / 220V

Size: VD1013TRM: 195x191x36mm

VD2013TRM: 195x191x36mm

VD4023TRM: 195x191x36mm

VD8023TRM: 482x248x45mm

VD16013TRM: 482x248x68mm

Construction: Aluminum

MTBF: > 100,000 hours

Operating Temp: -30°C to +50°C

Storage Temp: -40°C to +85°C

Relative Humidity: 0% to 95% (no condensing)