VDP2D-I-4TGX

INDUSTRIAL 4 GIGA LAN OVER VDSL2 EXTENDER

BROADBAND
160/160 Mbps
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LONG DISTANCE
3 km max
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INDUSTRIAL GRADE
-20~+70°C

Introduction

VDP2D-I-4TGX is a VDSL2 port with 4 x10/100/1000Mbps ethernet ports. That provide an end to end solution for industrial applications.
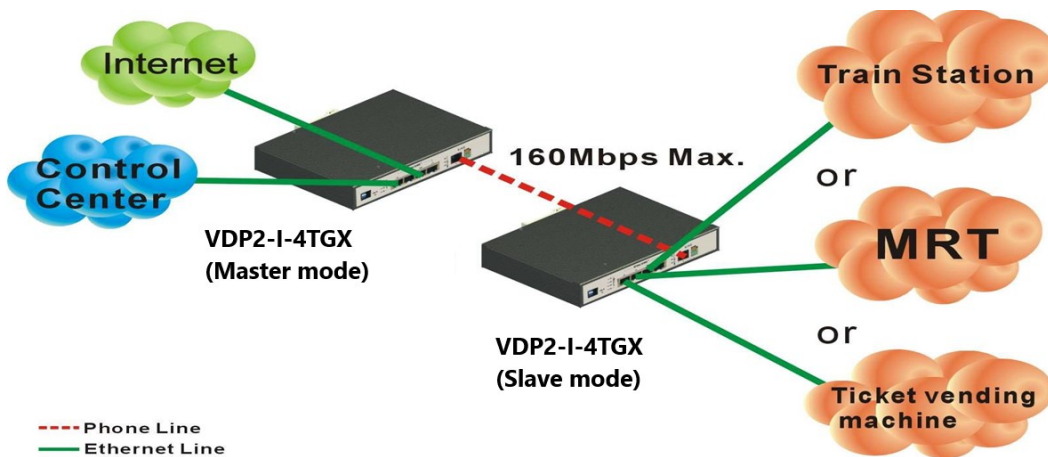
VDP2D-I-4TGX support high bandwidth up to 160Mbps symmetric and long reach transmission up to 3km, and also supports both Master and Slave modes selectable by DIP Switch.

VDP2D-I-4TGX's DIN-Rail and Power redundancy features offer quick, easy, safety wide range and high performance broadband / Triper play services to industrial environments such as Factory, MRT, Train station, Ticket vending machine, Parking system, Weather station, Military Training system, Monitoring system, Farm, Jail, Refinery, Passenger ship ....

Features

- Supports high bandwidth up to 160Mbps symmetric over Line ports
- Support long reach transmission up to 3 km with 24 gauge phone wire
- Support auto speed and 8 profiles mode selectable by DIP switch
- Master and Slave mode selectable by DIP switch
- Supports Jumbo frame up to 2k bytes
- Built in Surge protector
- Supports Overload Current Protection
- Supports wide range operating temperature(-20°C~ 70°C)
- Supports Reverse Polarity Protection
- Supports alarm contact (relay output - 1 A @ 24 VDC)
- Supports DIN-Rail mount installation
- Metal case design and compliant with IP30 standard
- Support power redundant and wide range dual power input(DC15V ~ 48V)

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Application

Specifications

Standard	IEEE802.3/802.3u/802.3ab Ethernet standard G993.2 VDSL2 standards
Physical Interface	4 * RJ45 10/100/1000Mbps Ethernet port 1 * RJ11/Terminal Block connector for VDSL2 line port 1 * DIP Switch 1* Removable 6-contact terminal blocks for Power1 and alarm contact 1* Removable 2-contact terminal block for Power2
LED Indicators	1 * Power LED 4 * Link/Active Status for Ethernet port 1 * Link/Speed LED for VDSL2 port 1 * CO Mode indicator LED 1 * CPE Mode indicator LED
VDSL2 Line Code	DMT modulation
VDSl2 Transmission Code	Packet Transfer Mode (PTM)
Typical Power consumption	6W
Power Input	Input Voltage: 15V to 48VDC Input Current: 0.5A or above
Dimensions	171 * 121 * 35 mm (6.7'' * 4.76'' * 1.37'')
EMC	EMI Compliant: FCC class A EMS Complaint: CE mark
Temperature	-20°~ 70° C (Operating), -40°~70°C (Storage) Fanless, free air cooling
Humidity	5 to 95% non-condensing

Ordering Information

Référence	Description
VDP2D-I-4TGX	Industrial 4 VDSL2 PTM modem 2 wire, 100/100Mbps at 300m , 5/1 at 3km, selection as CO/CPE or master/slave per DIP switch, 4 x 10/100/1000BT ports, VLAN transparent. Power input 15~48VDC

CXR
T +33 (0) 237 62 87 90
www.cxr.com

17 Rue de l'Ornette 28410 Abondant France
contact@cxr.com

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