VDP2-2TG-POE

VDSL2 Lan Extender with POE

CO/CPE mode
via DIP switch

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60W POE
30W by LAN port

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DIN RAIL
Compact size and
DIN rail support

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Introduction

VDP2-2TG-POE is a low cost LAN extender with PoE, compliant with G.993.2 VDSL2 Standard and providing up to 160Mbps symetric using only a single copper wire pair. Specially designed for LAN to LAN extension with PoE and supporting both symetrical and asymetrical transmission at up to 100/100Mbps up to 300 meters and 5/1Mbps up to 3000 meters, this is a perfect solution to extend LAN with PoE for IP Surveillance or PoE powered devices at any location outside of the 100 meters reach.
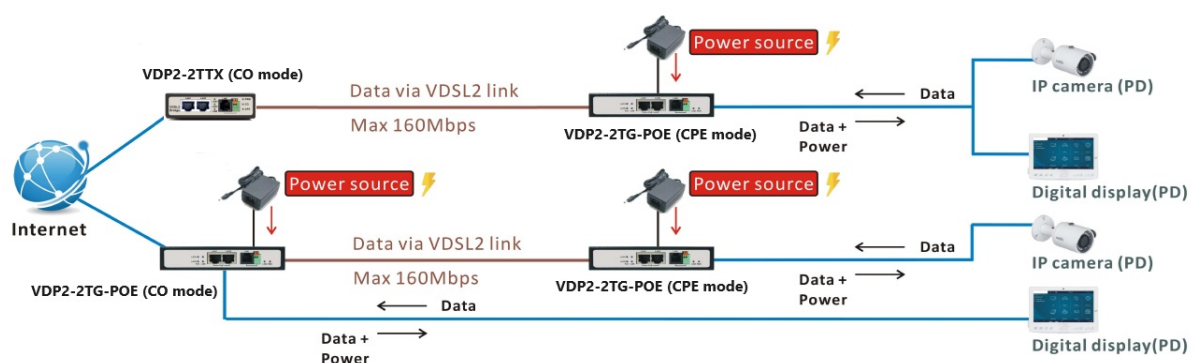
Features

- Cost effective bridge function to connect two 10/100/1000 Base-T LANs with PoE
- Auto-detct IEEE 802.3af/at equipment
- Supports Mid-span PoE mode
- Compact size and DIN rail support
- Selectable CO/CPE mode via DIP switch
- Selectable 8 band plan via DIP switch
- Built in surge protector

Applications

Specifications

LAN interface
• Complies with IEEE 802.3 10Base-T, 802.3u 100Base-T, 802.3ab 1000Base-T • IEEE 802.3af/at • Connector: 2 * RJ45 with PoE • MTU: 2000 bytes

VDSL2 interface
• Complies with ITU-T G.993.2 • Connector: RJ11/Termianl block • DMT Encoding/PTM Transmission • On-board surge protection • MAC address memory: 16 K • Frame buffer: 2 Mb

4-poistion DIP Switch
• Selectable CO or CPE mode • Selectable 8 band plan

Certification
• CE, FCC, RoHS Compliant

Indicators
• LAN: Act/Link, PoE • VDSL2: Act/Link, Line Mode: CO/CPE

Power / Power Output
• DC 54V via AC to DC switching adapter • 60W Maximum (each LAN port 30W)

Dimensions
• 137*100*27 mm (5.39''*3.94''*1.06'')

Weight
• 0.42 Kg

Temperature
• 0~50°C (Operting), -20~70°C (Storage)

Humidity
• 10—90% non-condensing

Rear View with DIP switch

Ordering Information

Reference	Description
VDP2-2TG-POE	VDSL2 PTM modem 2 wire, 160/160Mbps maxi, 100/100Mbps at 300m , 100/50Mbps at 600m, 11,3/1,9Mbps at 2km, selection as CO/CPE or master/slave per DIP switch, 2 x 10/100/1000BT ports POE source 802.3af/at 30W each, VLAN transparent. Supply with AC/DC 54vdc adapter. Possible to use VDP2-2TTX or VDP2-2TTX-POEat the end.
DIN-VDP2-2TTX	DIN-Rail fixing option kit for VDP2-2TTX, VDP2-2TG, fix on the side.

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