



DESCRIPTION

The PLANET VC-231 is an Ethernet over VDSL2 converter, which operation is based on two network technologies: Ethernet and VDSL2, providing ultra fast data rates over the existing copper telephone line. As a result, you don't have to install new cables.

The connection distance can reach up to 100/1000Mbps over 300m and 50/2Mbps over 1.4km for long-distance lines.

Product features:

- Cost-effective VDSL2 CO/CPE bridge solution
- CO/CPE selectable via DIP Switch
- 17a band plan for the long distance transmission of upstream and downstream signals
- 30a band plan for the short distance transmission of upstream and downstream signals
- Complies with IEEE 802.3, IEEE 802.3u and IEEE 802.3x standards
- DMT (Discrete Multi-Tone) line coding
- Half duplex Back pressure and IEEE 802.3x Full Duplex Pause frame flow control
- Built-in POTS splitter to share voice and data (VC-234 only)
- Voice and data communication can be shared on the existing telephone wire simultaneously
- Hardware IGMP Snooping for Multimedia service (VC-234)
- Support up to 1536 bytes packet size, 802.1Q VLAN tag transparent
- VDSL2 stand-alone transceiver for simple bridge modem application
- Selectable target profile and target SNR margin
- LED indicators for network diagnostic

TECHNICAL CHARACTERISTICS

Brand : PLANET

Part number : VC-231GP

Réseau :

Auto MDI/MDI-X : Y

Caractéristiques de gestion :

Plug and Play : Y
Converter input interface : 10Base-T, 100Base-T, 1000Base-T
Depth : 70 mm
DIN rail mounting : Y
Duplex system : Full
Ethernet LAN (RJ-45) ports : 1
Flow control support : Y
Height : 26 mm
Housing material : Metal
Internal : N
LED indicators : Y
Maximum data transfer rate : 1000 Mbit/s
Maximum transfer distance : 1400 m
Networking standards : IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x
Operating relative humidity (H-H) : 5 - 95%
Operating temperature (T-T) : 0 - 50 °C
Power consumption (typical) : 32.4 W
Power over Ethernet (PoE) : Y
Product colour : Black
RJ-11 ports quantity : 1
Storage relative humidity (H-H) : 5 - 95%
Storage temperature (T-T) : -10 - 70 °C
Store-and-forward : Y
Weight : 206 g
Width : 97 mm