



## 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-231

Réseau :

Auto MDI/MDI-X : Y

**Caractéristiques de gestion :**

Plug and Play : Y

**Design :**

Certification : FCC Part 15 Class A, CE

Connectivity technology : Wired

Converter input interface : 100Base-TX

Depth : 70 mm

Duplex system : Full, Half

Ethernet interface type : Fast Ethernet

Ethernet LAN (RJ-45) ports : 1

Ethernet LAN data rates : 10,100 Mbit/s

Harmonized System (HS) code : 85176990

Height : 26 mm

Input current : 2 A

Input voltage : 5 V

Internal : N

LED indicators : Y

Maximum data transfer rate : 100 Mbit/s

Maximum transfer distance : 1400 m

Networking standards : IEEE 802.3, IEEE 802.3u, IEEE 802.3x

Operating relative humidity (H-H) : 10 - 90%

Operating temperature (T-T) : 0 - 50 °C

Power consumption (typical) : 6.6 W

Product colour : Black

RJ-11 ports quantity : 1

Storage relative humidity (H-H) : 10 - 90%

Storage temperature (T-T) : -10 - 70 °C

Weight : 199 g

Width : 97 mm