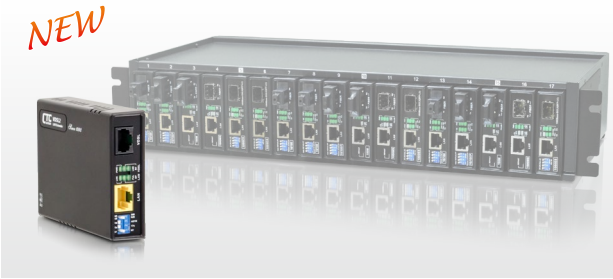


VDTU2-B130

1-port VDSL2 Gigabit LAN Extender

The VDSL2 Gigabit LAN Extender, VDTU2-B130 supports an aggregated bandwidth up to 300Mbps (Downstream: 150 Mbps/ Upstream/150 Mbps) and delivers fiber-optic like speeds on existing copper infrastructure. The VDTU2-B130 is equipped with 1x 10/100/1000Base-T RJ-45 ports and 1x VDSL2 RJ-45. Built in a plastic enclosure. Symmetric profiles can be applied as a long-reach Ethernet connection up to 3,000 meters, while Asymmetric profiles can be used for other services such as Video streaming or IP surveillance services which require high traffic flow in one direction. The VDTU2-B130 supports transparent LAN bridging to extend Ethernet service over UTP, Cat 5+ cables or simple single pair telephone cable. It is the best high throughput Long Reach Ethernet Extender for service providers when deploying their IP-based networking services to meet various application scenarios.

Features

- High speed Ethernet extension over UTP, CAT 5e/6/7.
- Supports ITU-T G.993.5 G.Vectoring and G.INP
- Selectable profile setting via Dip switch
- Supports VDSL2 profile 35b/30a/17a
- IEEE 802.1Q VLAN tag transparent.
- Cost effective bridge function to connect two Ethernet LAN
- May be concentrated into FMC-CH17 chassis.

Specifications

VDSL2 Interface	RJ45 connector
	DMT Encoding
	On-board surge protection
LAN Interface	1 x RJ45 connector
	10/100/1000 Base-T; Auto-Negotiation, Auto-MDI/MDI-X.
	Complying with IEEE 802.3/802.3u/802.3z
4-position DIP Switch	Selectable Master(CO) or Remote(RT) mode
	Selectable Symmetric or Asymmetric mode
	Selectable G.INP or Interleave mode
	Selectable SNR High and SNR Low
LED	System power
	CO/RT mode
	VDSL2 link status
	Ethernet link status
Power Supply	12~24 VDC over 2.1mm DC Jack
	Power Consumption: 4.5 Watts (Max)

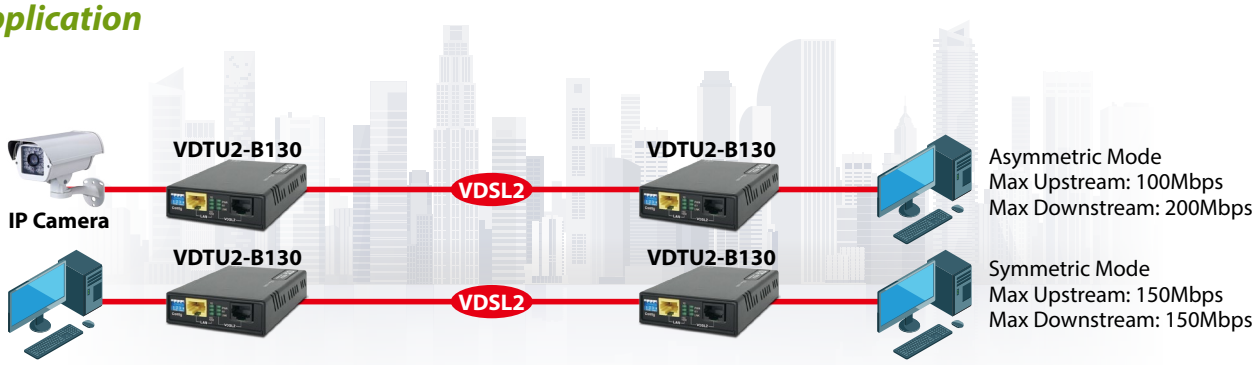
Environment	Operating Temperature: 0°C ~45°C
	Humidity: 0%~95%RH (non-condensing)
Physical Characteristics	Dimension (W × H × D): 94.5 × 23.0 × 72.5 mm
	Weight: 110g
Certification	CE /FCC

Performance:

UTP, 26AWG				
Distance (Feet)	Symmetric, SNR Low, G.INP		Asymmetric, SNR Low, Interleave	
	Upstream Line Rate(Mbps)	Downstream Line Rate(Mbps)	Upstream Line Rate(Mbps)	Downstream Line Rate(Mbps)
500	146	162	64	284
1,000	116	112	59	171
2,000	35	61	31	67
3,000	28	30	10	35

NOTE: The above performance data is for reference only, the actual data rate may vary depending on the quality of the copper wire and environmental conditions.

Application



Ordering Information

Model Name	Description
VDTU2-B130	1-port VDSL2 Gigabit LAN Extender with AC Power Adapter