

Long Reach Ethernet Extender IN-ECV232

IN-ECV232 is a Long Reach Ethernet Extender with one Ethernet port (on 1 RJ-45 connector) and one VDSL port on 1 RJ-11 / BNC connector. This is a bridge mode modem accommodating Ethernet and VDSL technologies to extend Ethernet over single-pair phone line by using a VDSL signal. Up to 100/60 Mbps (or 90/90 Mbps with synchronous data rate) transition bandwidth within 300m and 40/10 Mbps for 1km long range connections provides ultra-high performance to the pervasive telephone line network. Its plug-n-play solution requires minimum installation time & cost by allowing video streaming and data to share the same telephone pair without interference.

With one DIP switch configuration, the IN-ECV232 includes the CO (Central Office) site and CPE (Customer Premise Equipment) site. The long distance support feature makes this extender be a great and ideal solution for FTTx (Fiber to the Building, Fiber to the Campus or Fiber to the Home) applications. It supports high bandwidth VDSL2 over existing telephone wires in the "last mile" from the ISP / Telecom / Service provider's fiber mode to the buildings' and customers' home.



- ▶ **Supports 3KM & 3Mbps data rate**
- ▶ **Plug & Play without wiring**
- ▶ **By telephone line / Coaxial Cable**

Features

- 1 full-duplex VDSL links via RJ-11 / BNC connector
- Selectable CO and CPE mode
- Selectable fast and interleaved mode
- Selectable target SNR margin
- Compliant with ETSI, ITU and ANSI standards

Specifications

Model NO.	IN-ECV232
Standards	IEEE802.3 10Base-T
	IEEE802.3u 100Base-TX
	IEEE802.3x Full Duplex
	ETSI
	ITU
	ANSI
	Full ITU-T G.993.1 (VDSL) compatible
Interface	G.997.1 compatible.
	RJ-11 female Phone Jack or BNC for coaxial cable)
	RJ-45 female Ethernet jack
Switching Method	Store and Forward
Forwarding Rates	1000Mbps port – 1,488,000pps
	100Mbps port - 148,800pps
	10Mbps port - 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP
	100BaseTX Cat. 5 UTP/STP
	1000BaseT Cat. 5E UTP/STP
Led Indicators	Duplex
	Speed
	Link / Act
	Power
	Master
	Link / Negotiation
Power Input	DC 5V/2A
Dimensions	102 x 75 x 23 mm (L x W x H)
Weight	0.28 kg
Operating Temperature	0 to 45°C
Storage Temperature	-20 to 90°C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE