

**VersaXpress-VLR104** system is a revolutionary networking solution that bridges networked as well as Internet access devices. Nowadays, Ethernet is the most prevalent networking protocol deployed within the enterprise and the home. In recent years, the booming economy in most countries has created explosive growth in broadband connectivity requirements. This growth has propelled Ethernet to become the choice for broadband connectivity in small residential campuses and multi-dwelling units because Ethernet Represents low equipment cost, high performance, and ease of provisioning. To further the advantage of using Ethernet for broadband connectivity, Versa Technology's Long Reach Ethernet product family extends the maximum driving distance of Ethernet from 500ft to about 4,300ft for 10BASE-T and 800ft for 100BASE-TX without using any repeaters.

The **VersaXpress-VLR104** system is an IEEE compliant physical layer device that converts between Long Reach and standard Ethernet signaling to allow system designers to quickly upgrade existing Ethernet hubs and routers to work with Long Reach Ethernet Extender and support Ethernet connections up to 4,300ft. The **VersaXpress-VLR104** supports full-duplex standard and long reach Ethernet at 10 and 100 Mbps operations. It provides manual selection to specify between data rates and auto-negotiation for standard versus long reach operations.

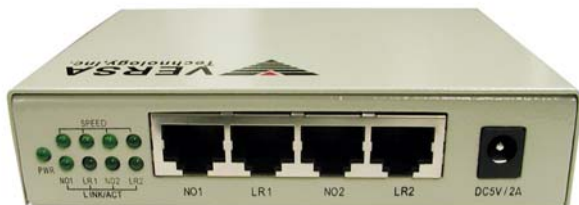


### Features:

- Quad converter pairs: each pair converts between standard Ethernet to Long Reach Ethernet
- IEEE 802.3 10BASE-T, 100BASE-TX compliant
- Proprietary Long Range extension supporting 10 Mbps at up to 4,300ft and 100 Mbps at more than 800ft over Cat5 cable
- Support for automatic selection of standard vs. long reach operations, duplex communications, etc.
- Auto MDI/MDIX switch over capability
- Automatic reversed polarity detection/correction
- Easy installation – no software required
- Visual status indicators
- Support full-duplex and half-duplex, manual/automatic crossover and auto polarity correction

### System:

Power supply	DC5V/2A adapter
Dimension	118 (L) × 91 (W) × 26 (H) (mm)
Humidity	5%~95% non-condensing
Temperature	0~50 ° C
Ports	RJ45 Front 1-4 & Back 1-4
Data Rate	10 / 100 Mbps
Cable	UTP (CAT3, CAT5)
Distance	Over 4300ft
Weight:	0.81lb (0.3kg)
LED indicators	Power, LNK<ACT, SPD
Certifications	FCC Part 15, FCC Part68, UL/CSA/TUV, CE



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**Application:**

