

# TC EXTENDER 2001 ETH-2S

 [perle.com/products/ethernet-extenders/tc-extender-2001-eth-2s.shtml](http://perle.com/products/ethernet-extenders/tc-extender-2001-eth-2s.shtml)

## Long Range Ethernet Extender

- Transmit Ethernet data up to 20km
- Automatic SHDSL data rate detection
- Network transparent (no IP configuration required)
- Protocol transparent

The TC EXTENDER transparently extends **Ethernet data transmission up to 20 km** across single twisted pair ( CAT5/6/7 ), coax or any existing copper wiring previously used in alarm circuits, E1/T1 circuits, RS-232, RS-422, RS-485, CCTV and CATV applications.



## Long Distance Ethernet Transmission over Copper

**SHDSL is the technology** of choice for the transmission of digital **data over long distance copper wires** of a network. Although performance depends on the characteristics of the cable used, the reach of SHDSL is much further than any other DSL technology currently available. In addition, upload and download bandwidth is symmetrical boasting data rates as high as **15.3 Mbps over 2-wire copper** and **30 Mbps over 4-wire copper**.

The TC EXTENDER is **protocol transparent**. With two SHDSL ports you can easily set up **point-to-point, linear or ring network structures** with ranges of up to 20 km. These simple and effective Ethernet Extenders are perfect for industrial environments, commercial buildings, residential units, hospitality environments, connecting a remote office or private-network backbone to a corporate LAN ... anywhere you need Ethernet communication links between separated LANs or LAN devices (i.e. PCs, digital sensors, VoIP phones, WiFi APs, IP cameras and more).

Two software configurable digital outputs are available for external device alarm generation.

For “**plug and play**” long distance Ethernet data transmission, the TC EXTENDER 2001 ETH-2S is the ideal solution.

## Long Distance Ethernet Extender Features

- Robust modulation method (SHDSL)
- Future proof (IPv4 and IPv6-compatible)
- Automatic detection of network cable type (auto MDI(X))
- Automatic network data rate detection (10/100 Mbps)
- Easy startup, plug and play
- Two alarm and signal outputs

















