

Etherlink IV

Professional DSL Solution for High Bandwidth and High Distances.



Etherlink IV
desktop modem

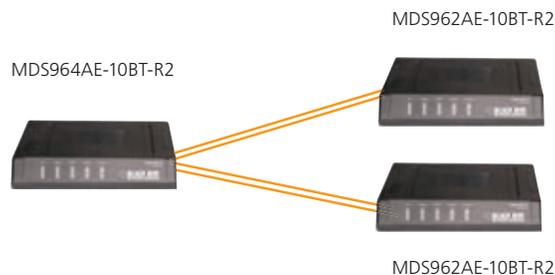
FEATURES

- » High Speed DSL, max.15 Mbps per Loop (Loop = 2 wire line) .
- » Special PAM Modes for High Distances.
- » Multiple Ethernet Ports.
- » Industrial Grade Temperature Range.
- » SNMP Fully Managed.
- » Full VLAN 802.1q Support.
- » Ring Protocol Support.
- » Desktop, 19" and DIN-Rail mounting.
- » Overvoltage and Surge Protection built inside.



Etherlink IV
DIN-rail modem

Application: BUS / SPLIT



Application: Point to Point



OVERVIEW

For bandwidth demanding applications the Etherlink IV DSL modem series can run your network data on just 2 wires at speeds of up to 15 Mbps.

Depending on the thickness of your wires you can run distances of up to 2,5 Kilometers. Even with only 0,4mm wires still 1,2 Kilometer are possible.

Also the number of interconnects and the insulation of your wire influences the bandwidth you can get and the distance you can go. Through special PAM modes even in special environments connectivity is possible. Etherlink IV connects your network where other devices have already stopped.

Etherlink IV is available as desktop or DIN Rail version. Versions for 2, 4 and 8 wires are available. Every 2 wire line we call a "loop". Every loop is independent. So you build up bus systems where you start with a 2 wire modem and have 4 wire modems as repeaters in the middle.

Since Etherlink IV is not just a Point to Point system there are also 19" chassis with modules available. You can use these systems to start multiple routes in the center of your network.

Choose either the Big modular system or go for the cheaper and smaller Maximinilink system. The big modular system even offers the feature of remote powering Etherlink IV.

15 Mbps per Loop is possible with:

1,0 mm wire max. 2.500 m
0,8 mm wire max. 2.200 m
0,6 mm wire max. 2.000 m
0,4 mm wire max. 1.200 m

TECH SPECS

Connectors —

LAN: 2 and 4 wire models: 2 x 10/100BASE-TX RJ45
8 wire models: 4 x 10/100BASE-TX RJ45

DSL: 2 wire models : 1 x RJ45, 2 wires (Pin 4&5)
4 wire models: 2 x RJ45, each 2 wires (Pin 4&5)
8 wire models: 2 x RJ45, each 4 wires (Pin 3&6 and 4&5)

Other: All: RS232/V.24 monitor/configuration:(1) DB9 F, USB for configuration

Management and Features —

VT100™ (via RS232/V.24), Telnet™, HTTP (Web-based), SNMP, VLAN 802.1q Specs

Power —

Desktop Version: 48 VDC, 1 A using, power supply for AC 100-240V included
DIN-Rail Version: 36-72 VDC

Size —

22H x 16W x 4D cm

Temperature —

-30 up to +75 °C

Item

Code

Etherlink IV desktop modem

2-wire
4-wire
8-wire

MDS962AE-10BT-R2
MDS964AE-10BT-R2
MDS968AE-10BT-R2

Etherlink IV DIN-rail modem

2-wire
4-wire
8-wire

MDS962DR-10BT-R2
MDS964DR-10BT-R2
MDS968DR-10BT-R2