

ED20KEXT-2P

非網管型 10/100BASE-TX 乙太網路延伸器



產品介紹

益網 ED20KEXT-2P 是一款高效能非網管型乙太網路延伸器，專為透過現有銅軸電纜進行長距離網路延伸而設計。它支援點對點、線路和環形拓撲，利用 SHDSL 技術在 20 公里（12.4 英里）範圍內提供高達 30 Mbps 的傳輸速度。它具有 2 個 SHDSL 連接埠和 4 個交換機連接埠，可確保工業和企業應用的高速連接與應用靈活度。

EtherWAN — "When Connectivity is Crucial."

產品特色

+ 安裝與操作

- 輕鬆啟動，即插即用
- 自動 SHDSL 資料傳輸速率偵測
- 自動偵測網路線類型[auto MDI(X)]
- 自動網路數據速率檢測（10/100 Mbps）
- 兩個數位輸出用於外部警示控制器

+ 乙太網路延伸功能

- 傳輸距離最長可達 20 公里（12.4英里）
- 2 芯線連接運作時，速率可達 15.3 Mbps
- 4 芯線連接運作時，速率可達 30 Mbps
- 可靠的調變法 (SHDSL，單銅絞線高速數位用戶迴路)

產品規格

+ Performance

Max Distance

12.4 miles (20km): Depending on data rate and cable cross section

Max Speed

15.3Mbps in 2-wire operation
30MBps in 4-wire operation

Cabling Limitations

Conductor cross section rigid: Min: 0.2mm²; Max: 1.5mm²

Conductor cross section flexible: Min: 0.2mm²; Max: 2.5mm²

Conductor cross section solid: Min: 24; Max: 14 (AWG)

+ Interface

Ethernet

1 x 10/100Base-T(X)

Extender Ports

2 x 2 plug-in terminal block

LED Indicators

Power, Device Information

+ Technology

Standards

IEEE 802.3

Processing Type

Auto-negotiation

SHDSL interface according to ITU-T G.991.2.bis

+ Physical

Casing Material

Plastic housing

IP Rating

IP20

Dimensions

35 x 99 x 114.5mm

Weight

0.58lbs (9.41oz/267.6g)

Installation Type

DIN Rail

+ Environmental

Operating Temp.

-20 to 60°C (-4 to 140°F)

Storage Temp.

-40 to 85°C (-40 to 185°F)

Relative Humidity

10% to 95% (non-condensing)

Altitude

< 5000m (For restrictions, see the manufacturer's declaration for altitude operation)

MTBF

711 Years (SN 29500 standard, temperature 77°F/25°C, operating cycle 21%)

308 Years (SN 29500 standard, temperature 104°F/40°C, operating cycle 34.25%)

125 Years (SN 29500 standard, temperature 104°F/40°C, operating cycle 100%)

+ Regulatory

EMI

EN 50121-4

EN 55011

EMS

EN 61000-4-2 (ESD)

EN 61000-4-3 (Radiated RFI)

EN 61000-4-4 (Burst)

EN 61000-4-5 (Surge)

EN 61000-4-6 (Induced RFI)

Safety

UL Listed, cUL Listed, cULus Listed

Vibration

IEC 60068-2-6

Shock

IEC 60068-2-27

Electromagnetic

EMC Directive 2014/30/EU

+ Power

Input

18VDC to 30VDC

Typical Current Consumption

< 180 mA (24VDC)

+ Warranty

Length

Limited Lifetime

Details

www.etherwan.com/support/warranty-policy

+ What's Included

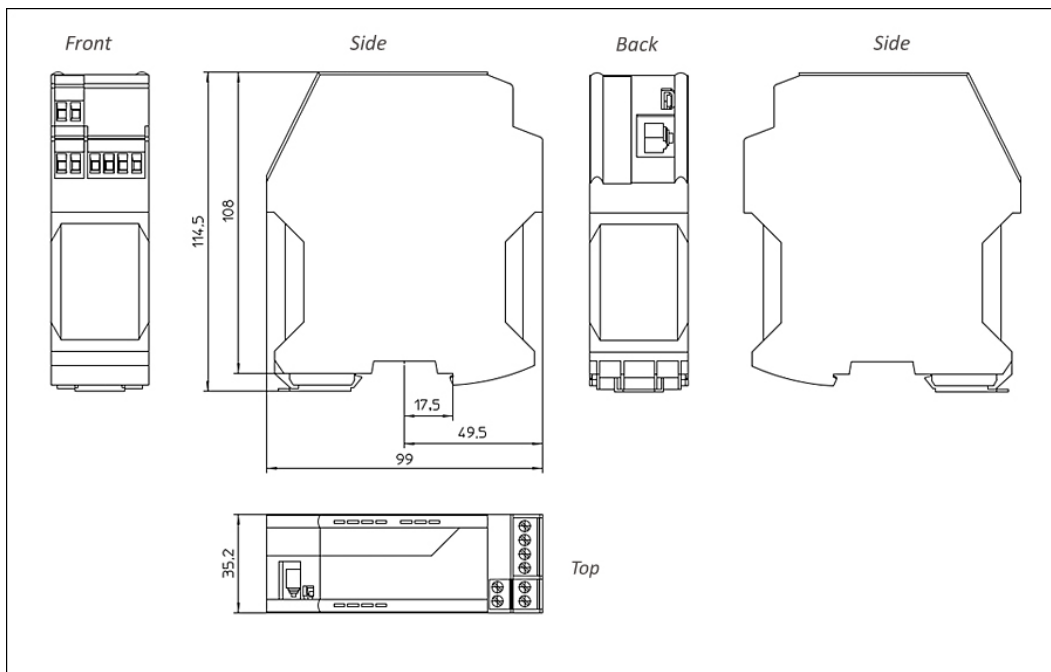
Device

Ethernet Extender

Documentation

Quick Installation Guide

產品尺寸圖



訂購型號

+ Model

ED20KEXT-2P	1-port Unmanaged 10/100BASE-TX Ethernet Extender with 2 SHDSL ports
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