ED3501 系列

工業級 10/100BASE-TX 乙太網路延伸器



產品介紹

ED3501乙太網路延伸器允許將 IP 服務擴展到一般的乙太網路距離限制之外，而無需更換電纜，打破了100公尺乙太網路的傳輸限制。

ED3501 的設計具有高抗衝擊、耐震動、抗電噪音能力。工作溫度範圍為 -10°C 至 60°C ，並具有堅固的鋁製外殼。
ED3501 是戶外環境中，連結關鍵網路環境中理想的乙太網路延伸器選擇。

EtherWAN — "When Connectivity is Crucial."

產品亮點

高速效能

300公尺距離可達100Mbps
2600 公尺距離可達 1Mbps

工業等級寬工作溫度

-10 至 60°C（14 至 140°F）的工業等級寬工作溫度範圍，設計用來安裝在戶外環境的機櫃中

產品規格

Interface

Ethernet Port

Port: One RJ-45 port

Speed: 10/100Mbps

Distance: 100 meters (328ft.)

Cable: 10BASE-T: UTP Cat. 3, 4, 5 (2-pair wire); 100BASE-TX: UTP Cat. 5 (4-pair wire)

Ethernet Extender Port

Port: One RJ-11/Terminal Block port

Speed: Up to 100Mbps

Distance: 2600 meters (8,530ft.)

Cable: Telephone wire 24AWG (0.5mm diameter, 1-pair wire) or larger

DIP Switch

DIP 1: Auto/Loc

DIP 2: SYM/ASM

DIP 3: Perf./Std.

LED Indicators

Per Unit: Power 1

Per 10/100TX Port: Link/Activity, full-duplex

Line Speed: 100/80/60/40/20Mbps and link below

SYM: Symmetric mode (distance ≤1000m)

ASM: Asymmetric mode

RMT: Remote mode

LOC: Local mode

Per: On/Performance mode; Off/Standard mode

All speed selections are Symmetrical on the DSL and Full-duplex on the Ethernet.
The data rate will vary according to the line quality.

Power

Input

12VDC (DC Jack)

Power Consumption

4.56W max. 0.38A@12VDC

Protection

Over Current Protection

Reverse Polarity Protection

Physical

Casing Material

Aluminum

IP Rating

IP30

Dimensions

80.3 x 109.2 x 23.8mm (W x D x H)
3.16” x 4.30” x 0.94"

Weight

0.15kg (0.33lbs)

Installation Type

DIN-rail mounting (Top hat type 35mm) or wall mounting

Regulatory

ISO

Manufactured in ISO-9001 facility

EMI

FCC Part 15B Class A

VCCI Class A

EN 61000-6-4

EN 61000-3-3

EMS

EN 61000-6-2

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)

EN 61000-4-8 (Magnetic field)

Safety

UL 60950-1

EN 60950-1

IEC 60950-1

Vibration

IEC 60068-2-6 Fc

Shock

IEC 60068-2-27 Ea

Free Fall

Technology

Standards

IEEE 802.3 10BASE-T

IEEE 802.3u 100BASE-TX

IEEE 802.3x full duplex and flow control

Processing Type

Half-duplex back-pressure and full-duplex flow control

Auto-negotiation

Auto MDI/MDIX

Distance (m)	Data rate (Mbps)
300	100
400	80
600	60
800	40
...	...
2600	1

Environmental

Operating Temp.

-10 to 60°C (14 to 140°F)

Storage Temp.

-20 to 70°C (-4 to 158°F)

Relative Humidity

5% to 95% (non-condensing)

Warranty

Length

Limited Lifetime

Details

www.etherwan.com/support/warranty-policy

What's Included

Device

Ethernet Extender

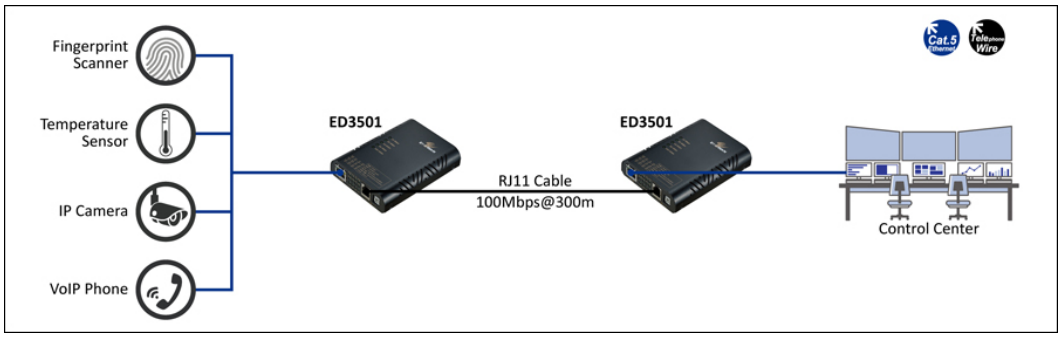
Power

12VDC Power Adapter

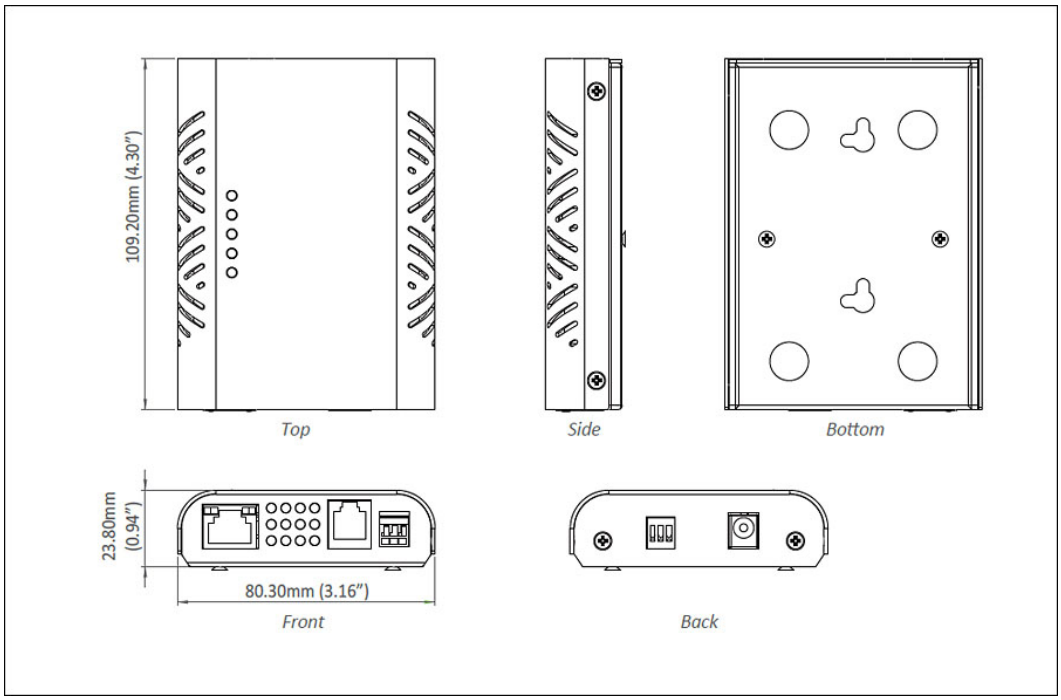
Documentation

Quick Install Guide

產品應用圖



產品尺寸圖



訂購型號

型號

ED3501	10/100BASE-TX Industrial Ethernet Extender
ED3501-D	10/100BASE-TX Industrial Ethernet Extender with DIN-Rail Mounting Kit

Accessories

Multiple Channel Chassis	www.etherwan.com/products/media-converters/multiple-channel-media-converters

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