

## ED3501 系列

工業級 10/100BASE-TX 乙太網路延伸器



### 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  $\leq 1000m$ )

ASM: Asymmetric mode

RMT: Remote mode

LOC: Local mode

Per: On/Performance mode; Off/Standard mode

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

All speed selections are Symmetrical on the DSL and Full-duplex on the Ethernet.

The data rate will vary according to the line quality.

### + 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



## 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

## + 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)

## + 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

FED STD 101C Method 5007.1



## Warranty

Length  
Limited Lifetime

Details  
[www.etherwan.com/support/warranty-policy](http://www.etherwan.com/support/warranty-policy)

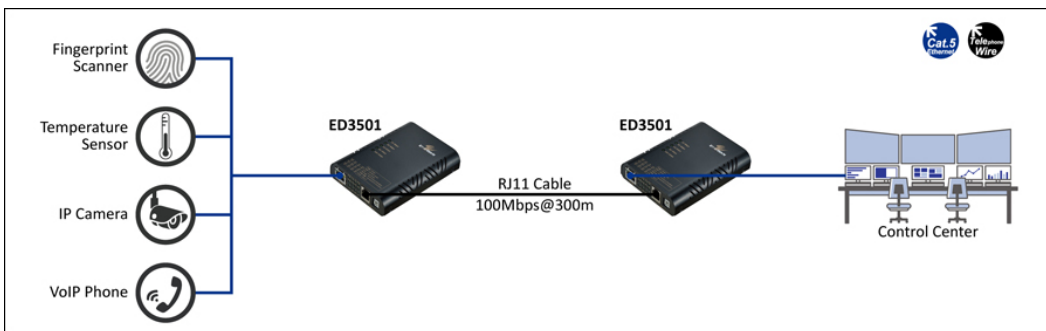
## + What's Included

Device  
Ethernet Extender

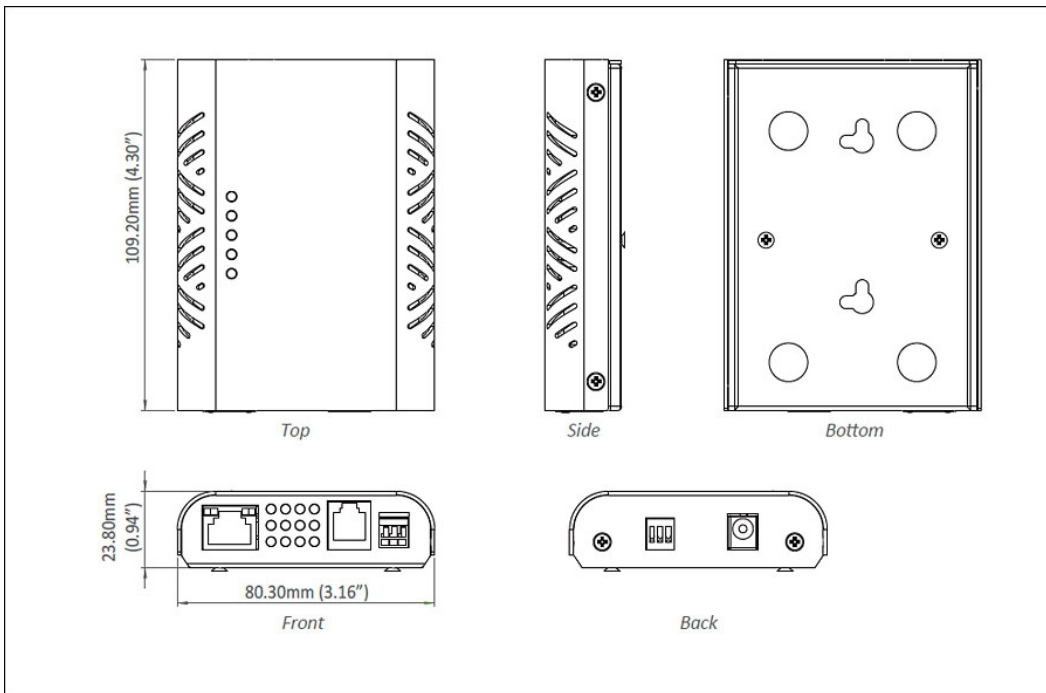
Power  
12VDC Power Adapter

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](http://www.etherwan.com/products/media-converters/multiple-channel-media-converters)

