

## ED3541 系列

強固級10/100BASE-TX 乙太網路延伸器



### 產品亮點

#### + 高速效能

200公尺距離可達100Mbps  
2200公尺距離時高達1Mbps

#### + 用於高風險環境

經過 Class 1, Division 2 認證，可用於高風險環境

#### + 寬工作溫度

無風扇且工作溫度範圍寬 -40 至 75°C (-40 至 167°F)

### 產品介紹

ED3541 乙太網路延伸器可將IP服務擴展到一般乙太網路距離的限制之外，而且無需更換電纜，已打破了100公尺乙太網路的距離限制

ED3541 的堅固設計具有高衝擊和抗震、抗噪能力、並能穩定運作在 -40 至 75°C 的範圍，並採用堅固的鋁製外殼。ED3541 是串聯關鍵性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

### + 介面

#### 乙太網路埠

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: 2200 meters (7,217ft.)

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

#### DIP Switch

DIP 1 Site: Auto/Loc

DIP 2 LDR: On/Off

#### LED 指示燈號

Per Unit: Power 1, Power 2

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

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

Distance (m)	Data rate (Mbps)
200	100
400	80
600	60
800	40
...	...
2200	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.

### + 技術

#### 標準

IEEE 802.3 10BASE-T

IEEE 802.3u 100BASE-TX

IEEE 802.3x full duplex and flow control

#### 傳輸型式

Half-duplex back-pressure and IEEE 802.3x full-duplex flow control

Auto-negotiation

Auto MDI/MDIX

### + 電源

#### 輸入電壓

12-48VDC Redundant (Terminal Block)

**電力功耗**

4.56W max. 0.38A@12VDC, 0.07A@48VDC

**保護**

Over Current Protection

Reverse Polarity Protection

**+ 機構****機殼**

Aluminum

**尺寸**

42 x 90 x 100mm (W x D x H)

1.65" x 3.54" x 3.94"

**重量**

0.41kg (0.9lbs)

**安裝方式**

DIN-rail mounting (Top hat type 35mm)

**+ 環境****工作溫度**

-40 to 75°C (-40 to 167°F)

**儲存溫度**

-45 to 85°C (-49 to 185°F)

**工作濕度**

5% to 95% (無凝結)

**+ 通過認證****ISO**

Manufactured in ISO-9001 facility

**EMI**

FCC Part 15B Class A

VCCI Class A

EN 61000-6-4

**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

ISA 12.12.01

Class 1, Division 2 group A, B, C & D for hazardous locations

**Vibration**

IEC 60068-2-6 Fc

**Shock**

IEC 60068-2-27 Ea

**Free Fall**

FED STD 101C Method 5007.1

**+ 保固**

Length  
Limited Lifetime

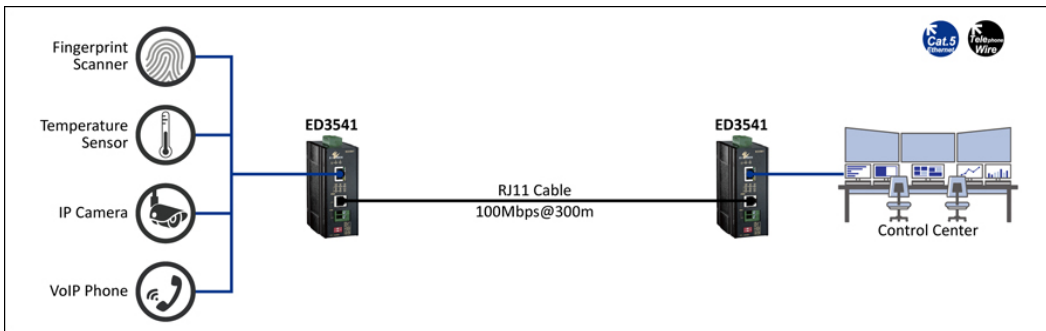
Details  
[www.etherwan.com/support/warranty-policy](http://www.etherwan.com/support/warranty-policy)

## + What's Included

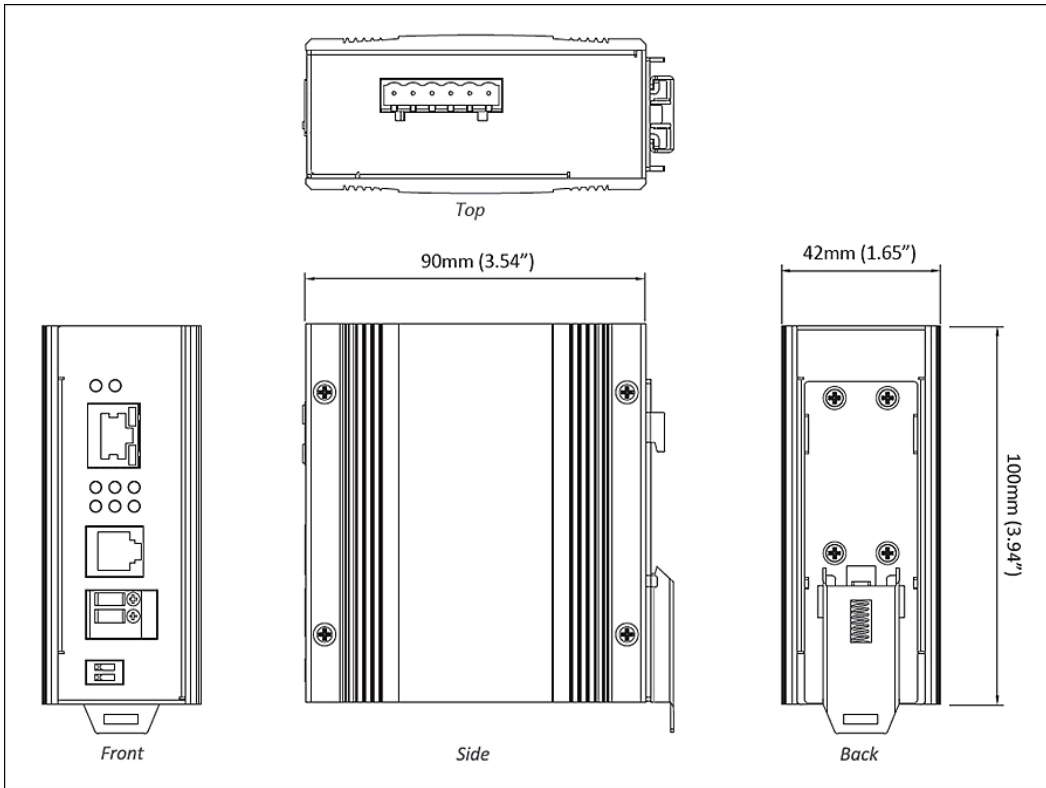
Device  
Ethernet Extender

Documentation  
Quick Install Guide

## 產品應用圖



## 產品尺寸圖



## 訂購型號

### + 型號

**ED3541** Hardened 10/100BASE-TX Ethernet Extender

\* DIN-Rail mounting kit included.

### + Optional Accessories

**HDR-30-24** 30W/1.5A DIN-Rail 24VDC Industrial Power Supply

### + Accessories

**DIN-Rail Power Supplies** [www.etherwan.com/products/din-rail-power-supply](http://www.etherwan.com/products/din-rail-power-supply)

