

ED3541 系列

強固級10/100BASE-TX 乙太網路延伸器



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: 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 Indicators

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.

+ 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 IEEE 802.3x full-duplex flow control
 Auto-negotiation
 Auto MDI/MDIX

+ Power

Input

12-48VDC Redundant (Terminal Block)

+ Physical

Casing Material

Aluminum

Dimensions

42 x 90 x 100mm (W x D x H)
 1.65" x 3.54" x 3.94"

Weight

0.41kg (0.9lbs)

Installation Type

DIN-rail mounting (Top hat type 35mm)

+ Environmental

Operating Temp.

-40 to 75°C (-40 to 167°F)

Storage Temp.

-45 to 85°C (-49 to 185°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

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

+ Warranty

Length
Limited Lifetime

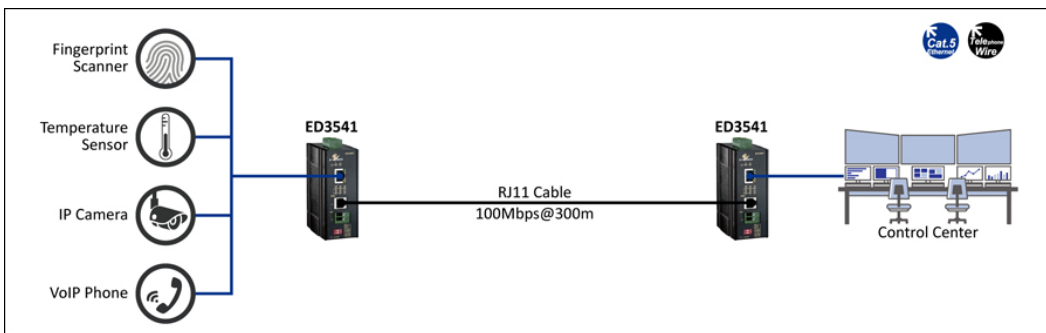
Details
www.etherwan.com/support/warranty-policy

+ What's Included

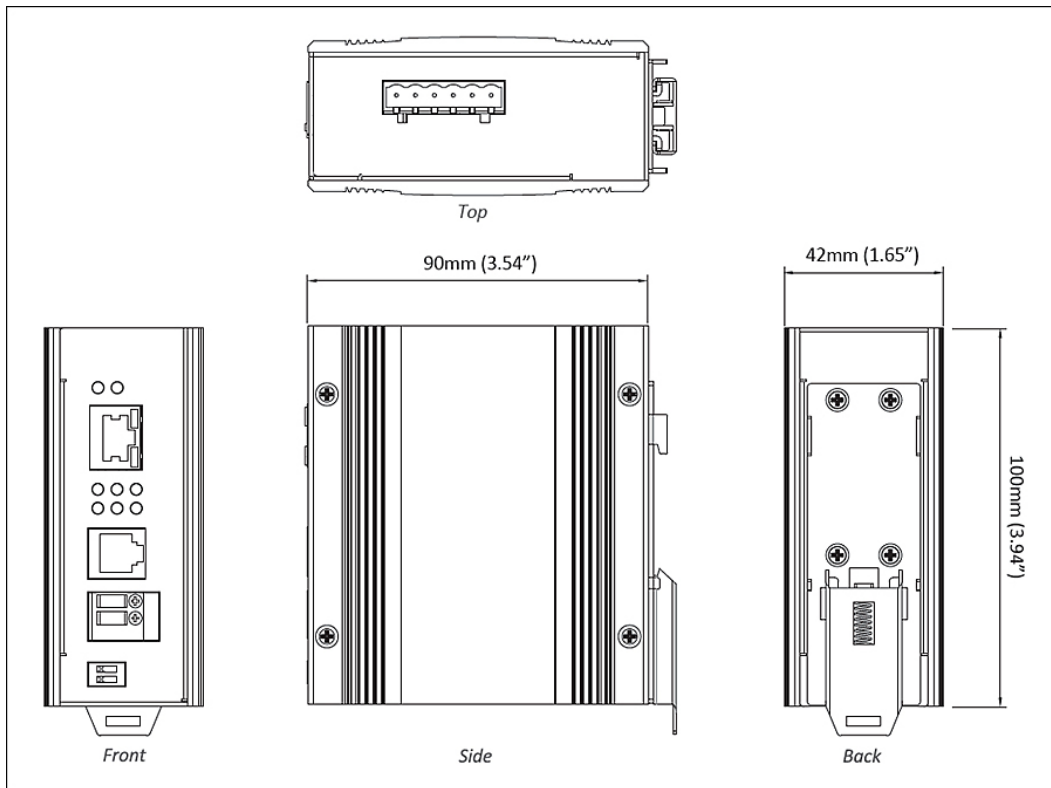
Device
Ethernet Extender

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

