



EtherWAN

migrate-ed9.hellosanta.tw/tw/products/ed3541-series ED3541 ??

ED3541 ??

???10/100BASE-TX ????????





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High Speed Performance

- Up to 100Mbps at 200 meters distance
- Up to 1Mbps at 2200 meters distance

Wide Operating Temperature

- Fanless and wide operating temperature range -40 to 75°C (-40 to 167°F)

For Use in Hazardous Locations

- Class 1, Division 2 certified for use in hazardous locations

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The ED3541 Ethernet extender allows the extension of IP services beyond normal Ethernet distance limitations without changing cables, breaking the 100-meter Ethernet barrier.

The ED3541's hardened design features high shock and vibration, electrical noise immunity, a wide operating temperature range from -40 to 75°C, and ruggedized aluminum housing. The ED3541 is the ideal Ethernet extender for environments where connectivity is crucial.

EtherWAN — "When Connectivity is Crucial."

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- ??????
 - 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 ?????
 - 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.

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- ???
 - IEEE 802.3 10BASE-T
 - IEEE 802.3u 100BASE-TX
 - IEEE 802.3x full duplex and flow control
- ?????
 - Half-duplex back-pressure and IEEE 802.3x full-duplex flow control
 - Auto-negotiation
 - Auto MDI/MDIX

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- ?????
 - 12-48VDC Redundant (Terminal Block)
- ?????
 - 4.56W max. 0.38A@12VDC, 0.07A@48VDC
- ??
 - Over Current Protection
 - Reverse Polarity Protection

??

- ??
 - Aluminum
- ??
 - 42 x 90 x 100mm (W x D x H)
1.65" x 3.54" x 3.94"
- ??
 - 0.41kg (0.9lbs)
- ?????
 - DIN-rail mounting (Top hat type 35mm)

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- ?????
 - -40 to 75°C (-40 to 167°F)
- ?????
 - -45 to 85°C (-49 to 185°F)
- ?????
 - 5% to 95% (???)

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- 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

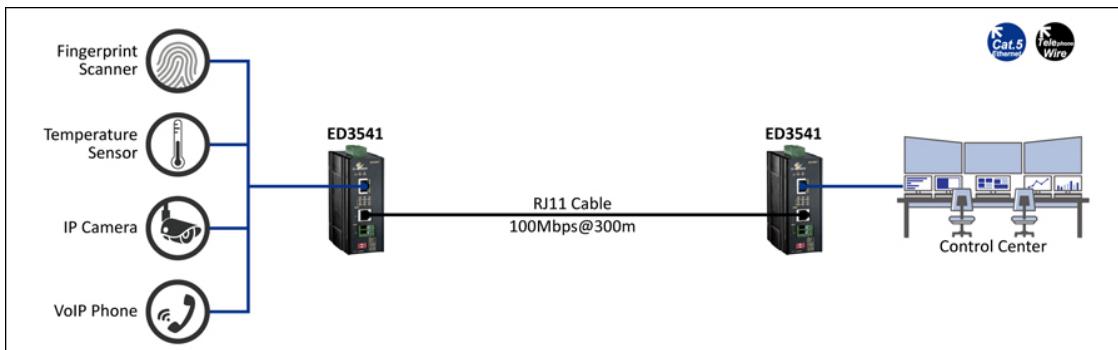
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- Length
 - Limited Lifetime
- Details
 - www.etherwan.com/support/warranty-policy

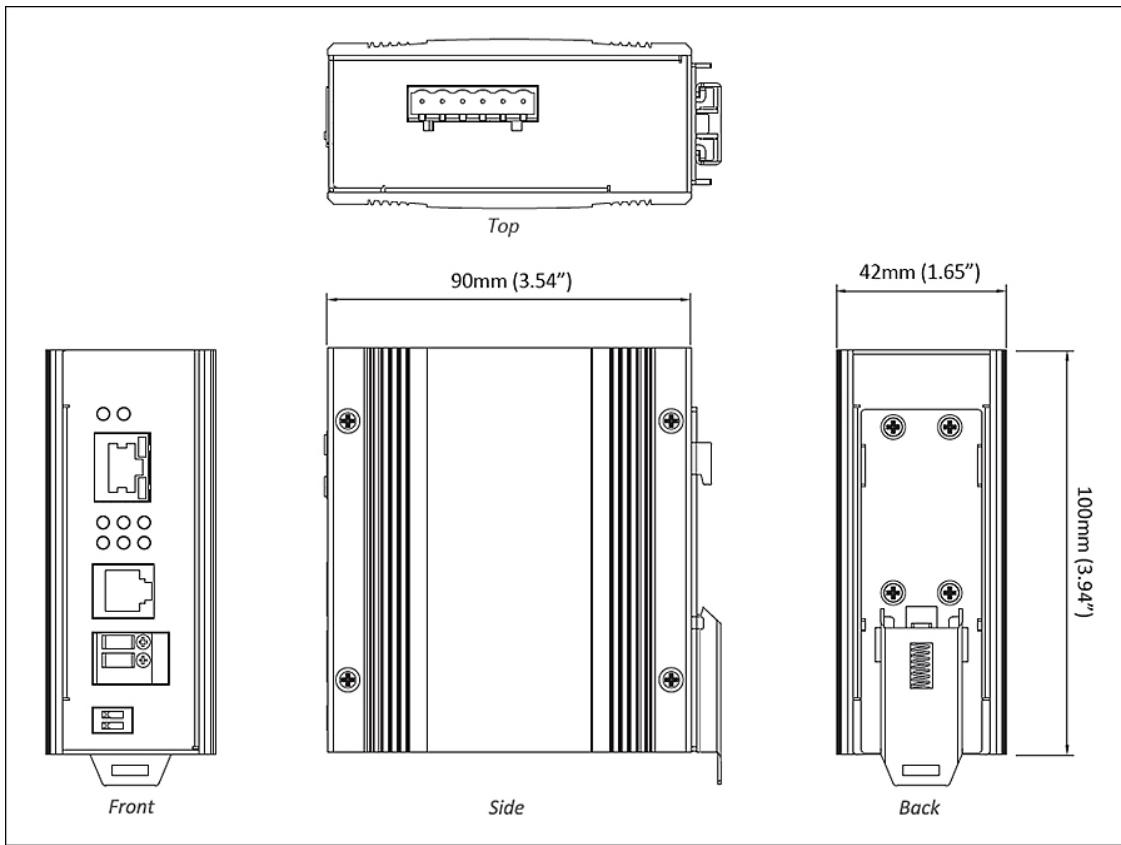
What's Included

- Device
 - Ethernet Extender
- Documentation
 - Quick Install Guide

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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



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