



Industrial switch, 2-port 10/100Mbps ports and 1 port 100Mbps SC Slot, for connecting with devices like computer, switch, hub, server, etc., as well as powering network camera, industrial VoIP phone, wireless AP and other supported devices. Specially designed for harsh outdoor applications. Its 3KV network port surge protection can adapt to harsh outdoor environment and ensure the reliability of the uninterrupted system. Power input also chooses industry-standard types of power.

Industrial media converters are designed for operation in environments with harsh temperature ranges of -40°C to 85°C. Units are available as standalone and can also be wall mounted using a separately supplied bracket.

### FEATURES

- 2-port 10/100Mbps with Auto Uplink™, port 100Mbps Fiber
- Automatic MAC address learning and aging
- Automatically support IGMP (Multicasting)
- 10/100Mbps Auto-negotiation, auto-MDI-MDI-X
- LED indicators for monitoring power/link/activity
- Supports 10/100Mbps-Full/Half-duplex
- Supports Wall-mount and DIN-Rail installation for lightning protection
- Supports Daisy-Chain connection
- Supports Broadcast Storm Control
- Supports Relay output for power failure
- Super lightning protection, IP40 protection.
- Excellent heat elimination without cooling fan.
- Redundant dual DC power inputs.
- Redundant Power Inputs
- Apply to Urban Intelligent Traffic Monitoring System (ITS), Safe City.
- Harsh industrial environment or higher requirement
- -40°C-85°C operating temperature range

### COMPLIANCES

- IEEE802.3 10BASE-T
- IEEE802.3i 10Base-T
- IEEE802.3u 100Base-TX/FX
- IEEE802.3ab 100Base-T
- IEEE802.3z 100Base-X

### WARRANTY

- 5-Year Warranty

### Technical Specifications

<b>Interface</b>	2x10/100Base-T port + 1x 100Mbps SC/ST/FC Fiber (Optional)	
<b>Compliances</b>	IEEE802.3 10BASE-T   IEEE802.3i 10Base-T   IEEE802.3u 100Base-TX/FX	IEEE802.3ab 100Base-T   IEEE802.3z 100Base-X
<b>Network Media</b>	10BASE-T: Cat3,4,5 UTP (≤100 meter)	100BASE-TX: Cat5 or later UTP (≤100 meter)
<b>Fiber Media</b>	Multi-mode: 2KM	Single-mode: 20/40/60/80KM
<b>Performance Specification</b>	Bandwidth: 10Gbps Packet Buffer Memory: 1M Packet Forwarding Rate: 1488000pps/port MAC Address Table: 8K	
<b>Forwarding Mode</b>	Store-and-Forward	
<b>Protection</b>	Lightening protection, IP40 protection	
<b>LED Indicators</b>	Power: PWR; Link; PoE; Link/Act	
<b>Power Supply Working Environment</b>	Input Voltage: DC52V (48~5V) /Terminal block Working temperature, -40~5°C Storage temperature, -40~85°C Performance, 5%~95%( no condensation)	
<b>Industry Standard</b>	FCC CFR47 Part 15,EN55022/CISPR22, Class A EMS: IEC61000-4-2 (ESD): ±8kV (contact), ±15kV (air) IEC61000-4-3 (RS): 10V/m (80MHz-2GHz) IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)	
<b>Shell</b>	IP40 protect grade, metal shell	
<b>Installation</b>	DIN-Rail or Wall mounts	
<b>Packing List</b>	1×Industrial PoE Switch (plus terminal block) 1×User Manual/Certificate of quality/Warranty card 1×DIN-Rail mounting kit	
<b>Certification</b>	CE mark, commercial; FCC Part 15 Class B; VCCI Class B EN 55022 (CISPR 22), Class B	
<b>MTBF</b>	300,000 hours	
<b>Weight &amp; Size</b>	Product weight, 0.5kg   Product size (L×W×H), 15.7cm× 11.5cm× 4.7cm	Packing weight, 1.1kg   Packing size(L×W×H), 21.6cm× 20.6cm× 6.7cm

### Industrial Rated Media Converter, ORDERING INFORMATION

## ND(Y)(A)(BB)(CC)(D)-2RJ

\* Option for Power Over Ethernet, Add "P" in front of part number, leave blank if not needed

#### ND - Industrial Rated

#### Y - Select Transmission Speed

C	10/100
M	10/100/1000

#### (A) Select Fiber Type

F	Multimode
Y	Single-mode

#### (BB) Select Connector Type

31	SFP (LC)
61	SC
67	ST
70	SFP (empty slot)

#### (CC) Select Operating Wavelength

85	850nm (Multimode)
13	1300nm (Multimode)
10	1310nm (Single-mode/ Multimode)
15	1550nm (Single-mode)

#### (D) Select Distance

5	550M Multimode
2	2km Multimode
1	10km Single-mode
T	25km Single-mode
4	40km Single-mode
F	50km Single-mode
8	80km Single-mode

#### 2RJ - 2RJ 45 Ports