

DATASHEET

ER-1803U2GE-IPS



Products Unique.

In addition to the most famous brands, we are specialized in providing solutions with alternative products to impress customers and competitors. Customized. The flexibility of our vendors, allows us to get out of the box to find the perfect cut on the needs of the customer.



ER TLC srl

Our Offer

Planning

Analyzing the demand, we help the customer to find the best solution.

Supplying

We evaluate the most suitable products for each situation, assisting the customer in choosing the best way.

Post Sales

We follow the customer throughout the life of the product, to always be a guarantee of quality.

We offer solutions for every kind of connectivity

- © Copper
- © Fiber
- © Wireless

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ER-1803U2GE-IPS

FEATURES:

- 2*10/100/1000M PoE ports+ 1*100/1000M SFP port
Industrial PoE Switch, port 1-2 support IEEE 802.3af/at;
- PoE port support AF/AT intelligent recognition. Standard power is 15.4W/port, Maximum power: 30W/port;
- PoE default: 1, 2(+)/3, 6(-)
- Operation TEMP:-40~85°C
- Input voltage: DC48-57V, Redundant dual power 5-bit industrial terminals;
- IP protection level: IP40; Rail-type installation;

INTRODUCTION:

The ER-1803U2GE-IPS is a 10/100/1000M industrial PoE fiber switch. It has 2*10/100/1000M PoE ports and 1*100/1000M SFP port, Port 1-2 can support IEEE 802.3af/at PoE standard, single port PoE power up to 30W, the maximum PoE output power is 36W (at-60W). As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, web camera, VoIP phone, industrial sensor through network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for intelligent transportation, rail transit, electric power, mining, metallurgy and green energy. Industrial scenes such as construction set up a cost-effective and stable communication network. Unmanaged model, plug and play, no configuration, easy to use.

Model	ER-1803U2GE-IPS
Interface	2*10/100/1000Base-T PoE ports (Data/Power) 1*100/1000Base-X uplink SFP fiber slot port (Data) 2 set of V+, V- redundant DC power interface (5Pin Phoenix terminal)
POE Port	Port 1-2



Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x	
PoE Standard	IEEE802.3af/at	
Ethernet Port Feature	Port 1-2 support 10/100/1000Base-T, auto-sensing, Full/half duplex MDI/MDI-X self-adaption	
SFP Port	Gigabit SFP optical fiber interface, default matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)	
Forwarding Mode	Store and Forward	
Switching Capacity	6Gbps	
Forwarding Rate@64byte	4.46Mpps	
MAC	4K	
Buffer Memory	1M	
Jumbo Frames	10K	
MTBF	100000 hours	
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤100 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5e or later UTP (≤100 meter)	
Optical Fiber Cable	Multi-mode: 850nm 0~550M; single mode: 1310nm 0~40KM, 1550nm 0-120KM.	
Power Supply Pin	Default: 1/2 (+), 3/6 (-)	
Working Voltage	48-57VDC; 5P industrial phoenix terminal, anti-reverse protection.	
Max Power Per Port	30W; IEEE802.3af/at	
Total PWR / Input Voltage	36W/48VDC (IEEE802.3af)	60W/48VDC (IEEE802.3at)

Power Consumption	Standby:<2W; Full load:<36W	Standby:<2W; Full load:<65W
LED Indicator	Power indicator: PWR (Green); Network indicator: 1-2(Link/Act)/ (Green),3(Link/Act)/ (Green); POE indicator: PoE (Orange)	

