POE3102

Belco Standard PoE Repeater (One in and Two out)

FEATURES

- Support IEEE 802.3/802.3u
- 3*10/100Mbps auto-adaptive RJ45, support automatic flip (Auto-MDI/MDIX)
- Support 1K MAX address
- Support EEPROM configuration
- Support IEEE802.3 af/at
- All ports support 2KV lighning protection
- Support VLANs (IEEE Std 802.1q)
- With overload protection, output short circuit protection and other functions

System Overview

PoE IN + 2 standard PoE output interfaces PoE OUT1 or PoE OUT2, national standard intelligent PoE cascade treasure, also known as PoE repeater, PoE extender and other names; this is a high-performance, low-power The 10/100M trunk line extension transmission PoE switch with high power consumption is the best choice for security monitoring, PoE power supply transmission networking, and small-scale intelligent construction. Provides 2*10/100Mbps ports and 1*10M/100Mbps PoE PD power receiving interface, which can be used to connect upstream devices with higher bandwidth. Support standard PoE input, port supports 52V output, 30W power. Store and forward technology is used to ensure that bandwidth is effectively allocated to each port. The full line-speed 100M rate is connected to the workgroup or server, no power supply design, easy to plug and play, this flexible non-blocking structure, users can use without the limitation of bandwidth and media network. The switching port supports half-duplex and full-duplex working modes, each switching port supports adaptive function, and the port adopts the store-and-forward mode, network solutions.

Specifications

Product Name	3-port standard PoE cascade treasure (PoE repeater, PoE extender)
Product Model	POE3102
Interface	1*10/100M RJ45 PoE OUT1 (Auto Negotiation/Auto MDI/MDIX)
	1*10/100M RJ45 PoE OUT2 (Auto Negotiation/Auto MDI/MDIX)
	1/10/100M PoE IN (PD reciprocating) (Auto Negotiation/Auto MDI/MDIX)
Standard/Protocol	IEEE 802.3u, IEEE 802.1Q, IEEE 802.1p, IEEE 802.3af/at
Network Media	10BASE-T: Cat3,4,5,6 UTP (≤100 meters)
	100BASE-TX: Cat5 or later UTP (≤100 meters)
Cascading	PoE OUT1 or PoE OUT2 interface for cascading applications

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Forwarding Mode	Store-and-Forward
Performance Specification	Bandwidth : 0.6Gbps
	Packet Buffer Memory : 768 kbits
	Packet Forwarding Rate : 0.447Mpps
	MAC Address Table : 1K
	Jumbo frame : 2018 bytes
LED Indicators	Power : PWR; Link; PoE; Link/Act
PoE Specifications	PoE Standard : IEEE802.3af / IEEE802.at
	Power Output: Max. 15.4 watts (IEEE 802.3af) Max. 30 watts (IEEE 802.3at)
	PoE port Auto detect AF/AT devices
	Output Voltage : DC48-57V
	Power supply pin:1/2 (+) 3/6 (-) or 4/5 (+) 7/8 (-), input & output ports 4-pin/8-pin power supply
	Power Type : End-span (Mid-span optional)
	Static power : < 0.2W
Use environment	Working temperature : -10°C ~ 70°C (32°F ~ 127°F) Storage temperature : -40°C ~ 85°C (-97°F ~ 142°F) Working humidity : 10% - 90% non-condensing Storage humidity : 5%~95% non-condensing
Shell	Plastic Shell
Warranty	1 year (12 months)

Order Information

Part No.	Description of product	Unit
POE3102	3-port standard PoE cascade treasure, 1* 10/100M RJ45 PoE OUT1 （Auto Negotiation/Auto MDI/MDIX） 1* 10/100M RJ45 PoE OUT2 （Auto Negotiation/Auto MDI/MDIX） 1*10/100M PoE IN (PD reciprocating)(Auto Negotiation/Auto MDI/MDIX)	piece