

YDS-1AT1G-088 Gigabit Waterproof Single-Port Extender



Product Overview

YDS-1AT1G-088 is our self-developed Gigabit Waterproof Single-port Extender. This device provides two 10/100/1000Mbps RJ45 ports, where the input port connects to the PSE device and the output port connects to the IP terminal PD device. With 2 extenders paired with a PoE switch using a Cat-6 cable, it can be extended by 300 meters (at 100Mbps speed) and up to 720 meters (at 10Mbps speed). No configuration required, plug and play.

Professional room shell design, adapted to various harsh environments, with high stability, reliability, industrial level, wide temperature. The whole machine does not need power adapter, so it is convenient for harsh outdoor environment .Reliable and convenient power for outdoor work AP, cameras etc.

Features

- Complies with IEEE802.3af/at standard
- Plastic housing, protection class IP67
- Capable of transmitting both data and power on a single network cable
- Support 10/100/1000Mbps data transmission
- 1 PD receiving end and 1 PSE supplying end, the standard of the equipment connected to both ends must be the same

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- Plug-and-play, no configuration required
- Operating temperature: -10°C~50°C
- It's ideal for harsh outdoor environment

Product Specification

Port	1*10/100/1000Mbps INPORT
	1*10/100/1000Mbps OUTPORT
Standard	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3af, IEEE802.3at
Network Media (Cable)	10BASE-T: UTP category 3,4, 5 cable ($\leq 100m$)
	100BASE-TX: UTP category 5,5e cable ($\leq 100m$)
	1000BASE-TX: UTP category 5,5e cable ($\leq 100m$)
Indicator	LNK/ACT (Green), PoE (Orange)
MAC Address Table	2K, Auto-learning, Auto-update
Jumbo Frame	9KByte
Packet Buffer	3Mbit
Transfer Mode	Store-and-forward
Power supply method	PoE Powered / Pass-Through
PD Port Input	IEEE802.3af/at
PoE Power Output	IEEE802.3af/at
Input Voltage	DC 48~57V
RJ45 PoE	1/2(+) 3/6(-)

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Dimensions (L*W*H)	156.5*29*29mm
Operating Temperature	-10 °C ~ 50 °C
Storage Temperature	-40 °C ~ 70 °C
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 90% non-condensing
MTBF	>100000 hours
Weather Rating	IP67