YDS-1AT1F-087
100Mbps Waterproof Single-Port Extender

Product Overview

YDS-1AT1F-087 is our self-developed 100Mbps Waterproof single-port Extender. This device provides 2*10/100Mbps RJ45 ports, where the INPUT port connects to a PoE Switch and the OUTPUT port connects to an IP terminal 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 10/100Mbps data transmission
- Single TD-1AT1F use with a regular PoE Switch, power over internet(PoE) distance is 100 meters maximum with 100Mpbs
- Two TD-1AT1F use with a regular PoE Switch, power over internet (PoE) distance is 300 meters with 100Mbps or up to 800 meters maximum with 10Mbps

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Features

- 1 PD receiving terminal ,1 PSE supply terminal
- 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
- Plug-and-play, no configuration required
- Operating temperature： -10°C~55°C
- It's ideal for harsh outdoor environment

Product Specification

Standard	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3af, IEEE802.3at
Port	2*10/100Mbps RJ45 ports
Network Media (Cable)	10BASE-T: UTP category 3,4, 5 cable (≤100m)
	100BASE-TX: UTP category 5,5e cable (≤100m)
Dimensions (L*W*H)	156.5*29*29MM
RJ45 PoE	Data Pairs 1/2 （+） 3/6 （-） , 4/5 （+） 7/8 （-）
Power Supply	PoE
PD Port Input	IEEE802.3af/at
PoE Power Output	IEEE802.3af/at
Operating Temperature	-10 °C ~ 55 °C
Storage Temperature	-40 °C ~ 70 °C
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 90% non-condensing
MTBF	﹥50000 hour
Weather Rating	IP67