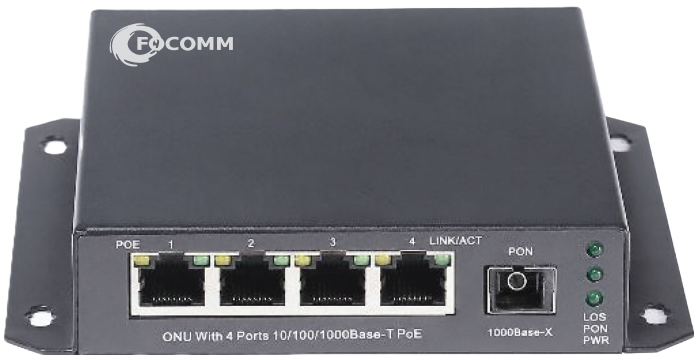
GPON POE product

10/100/1000Mbps

FEATURE

- Full compliance with the ITU-T G.984.x/ITU-T G.988 criteria.
- Based on automated discovery and registration.
- The POE power supply port (Port1-8) supports the IEEE802.3AF/AT power supply standard.
- Support DBA and various SLA, support IEEE802.1D RSTP, support IGMP Snooping V2 multicast function.
- EMI and ESD protection authentication, support for VLAN function.
- Automated time synchronization based on the SNTP client.
- With rich and powerful OAM and remote management capabilities.
- Support port speed limit, loop detection, state detection, automatic fault positioning, and power failure alarm functions.
- Iron shell external power supply design is favorable for equipment installation, heat dissipation and miniaturization.
- The equipment has the characteristics of reliability and stability.



PRODUCT DESCRIPTION

FO-7404GPH-T ONU is industrial GPON POE product, with four fixed 10/100/1000Mbps auto-adapted POE ports. It supports IEEE802.3af 15.4W and IEEE802.3at 30W POE standards . It can auto discovery the power receiving devices which support IEEE802.3af/at standard and supply power to it. To the connected devices which not support PoE, it will auto stop supplying power.

FO-7404GPH-T supports to work with IP camera, IP phone, wireless AP and other network devices, and supply power to these devices. It works with central device OLT to implement integrated management, long-distance fault location and decrease maintenance workload. It is metal casing design and suitable for FTTB/FTTH.

WORKING ENVIRONMENT

PARAMETER	SPECIFICATION
Power	DC48V/2.5A (outside power)
Power consumption	3.7W
Operating temperature	-40°C to 85°C
Storage temperature	-40°C to 85°C
Humidity	5%～90% non-condensing
Dimension	26mm(H)×137mm(W)×152mm(D) (external)
Net weight	0.5Kg
Gross weight	1.2Kg

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TECHNICAL PARAMETER

PARAMETER	SPECIFICATION
Main chipset	ZTE
Switch chipset	RTL
Uplink PON interface	1 GPON interface, SC single-mode/single-fibre, uplink 1.25Gbps, downlink 2.5Gbps
Downlink LAN interface	4* 10/100/1000Mbps POE, Full Duplex/Half Duplex, RJ45 connector
Wavelength	Tx 1310nm, Rx 1490nm
Optical power	-1~+5dBm
Receiving sensitivity	-28dBm
Max transmission distance	20 km
MAC Table	64
Cache space	1.25MB
Number of LLID	1--8
MTBF	100,000 hours
GPON trait	ITU-T G.984/ITU-T G.988 Standard Supports 32 TCONT,256 gemports Support the 984 standard AES128 encryption function
Network management	WEB management, with IP
Management function	Flow control, port management, VLAN,QoS,VLAN, port rate limitation, broadcast storm control, port aggregation, STP,RSTP,loop detection, LLDP, SNMP,IGMP, IGMP VLAN, broadcast package filter, port mirroring,port MAC learning,static MAC bined, MAC limitation, MAC check,DHCP