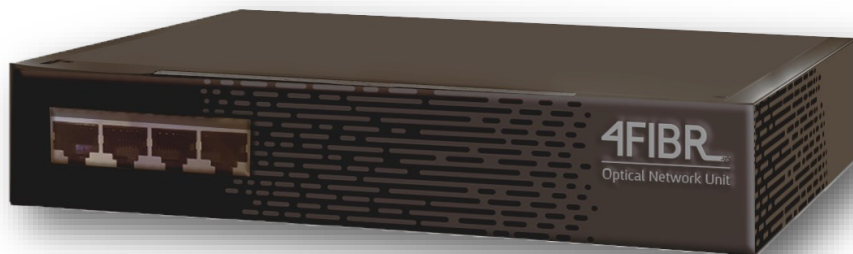


# 4FIBR

## Optical Network Unit



4fibr ONU is a GPON optical network unit design to meet the requirement of the broadband access network. 4fiber is a GPON G.984 (CPE) unit support 2.488 Gbps downstream and 1.244 Gbps upstream.

4fibr converts optical signals over fiber to gigabit networking interfaces with verity Power over Ethernet (PoE) options.



## Specifications

4fibr i430	
Interfaces	One (1) SC/APC, GPON Four (4) Gigabit RJ45, Ethernet
GPON Interface	2.488 Gbps Downstream, 1.244 Gbps Upstream
GPON ITU G.984	Tx 1310nm optics, Rx 1490nm
Optical Power Range	TX (Class B+): 1.5 to 5 dBm RX: -28 to -8 dBm
LAN: 4 ports RJ-45 with PoE	10\100\1000 Mbps
PoE	IEEE 802.3af: PoE, IEEE 802.3at: PoE+
PoE Power	30W max per port, 127W max per ONU
Power Method	100-240VAC, 50/60 Hz, Universal Power Input
Max Power (ONU only)	7W Max.
Network	VLAN tagging/untagging DHCP, QoS
Encryption	AES 128 bit
Operating Temperature-Indoor	-10 to 55 Celsius
Operating Humidity	5% to 90% RH, non-condensing
Certifications	CE, FCC, IC



## Specifications

4fibr i830	
Interfaces	One (1) SC/APC, GPON Eight (8) Gigabit RJ45, Ethernet
GPON Interface	2.488 Gbps Downstream, 1.244 Gbps Upstream
GPON ITU G.984	Tx 1310nm optics, Rx 1490nm
Optical Power Range	TX (Class B+): 1.5 to 5 dBm RX: -28 to -8 dBm
LAN: 8 ports RJ-45 with PoE	10\100\1000 Mbps
PoE	IEEE 802.3af: PoE, IEEE 802.3at: PoE+
PoE Power	30W max per port, 254W max per ONU
Power Method	100-240VAC, 50/60 Hz, Universal Power Input
Max Power (ONU only)	14W Max.
Network	VLAN tagging/untagging DHCP,QoS
Encryption	AES 128 bit
Operating Temperature-Indoor	-10 to 55 Celsius
Operating Humidity	5% to 90% RH, non-condensing
Certifications	CE, FCC, IC



## Compatibility

- FiberHome
- Ubiquiti
- Huawei
- ZTE
- IEEE P802.3af
- GPON G.984
- SC/APC adapter
- Triple-play deployments (Data, Voice, IPTV)

Specifications are subject to change. 4fibr products are sold with a limited warranty. The limited warranty requires the use of arbitration to resolve disputes on an individual basis and where applicable.

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