FS

XPON Series ONU

1-Port FTTH/O ONU, GPON/EPON Dual-Mode Adaptive

Overview

FS TA1710-1G/TA1910-1GF-W is a single-gigabit smart ONU terminal device for multi-service access networks.

TA1710-1G/TA1910-1GF-W follows ITU-T/IEEE protocol standards, supports GPON/EPON dual-mode self-adaptation, has good interoperability and operability, and can realize interconnection with OLT equipment of mainstream vendors in the industry.

Benefits

- GPON/EPON Dual-Mode Adaptation

- Support IGMP Multicast Monitoring Function

- DBA Dynamic Bandwidth Allocation, QoS Service Quality Assurance

- OMCI Remote Management

- Low Power Consumption

Technical Specification

XPON series ONU can provide high performance broadband access service for home and enterprise.Here's a look at the details.

CHARACTERISTICS

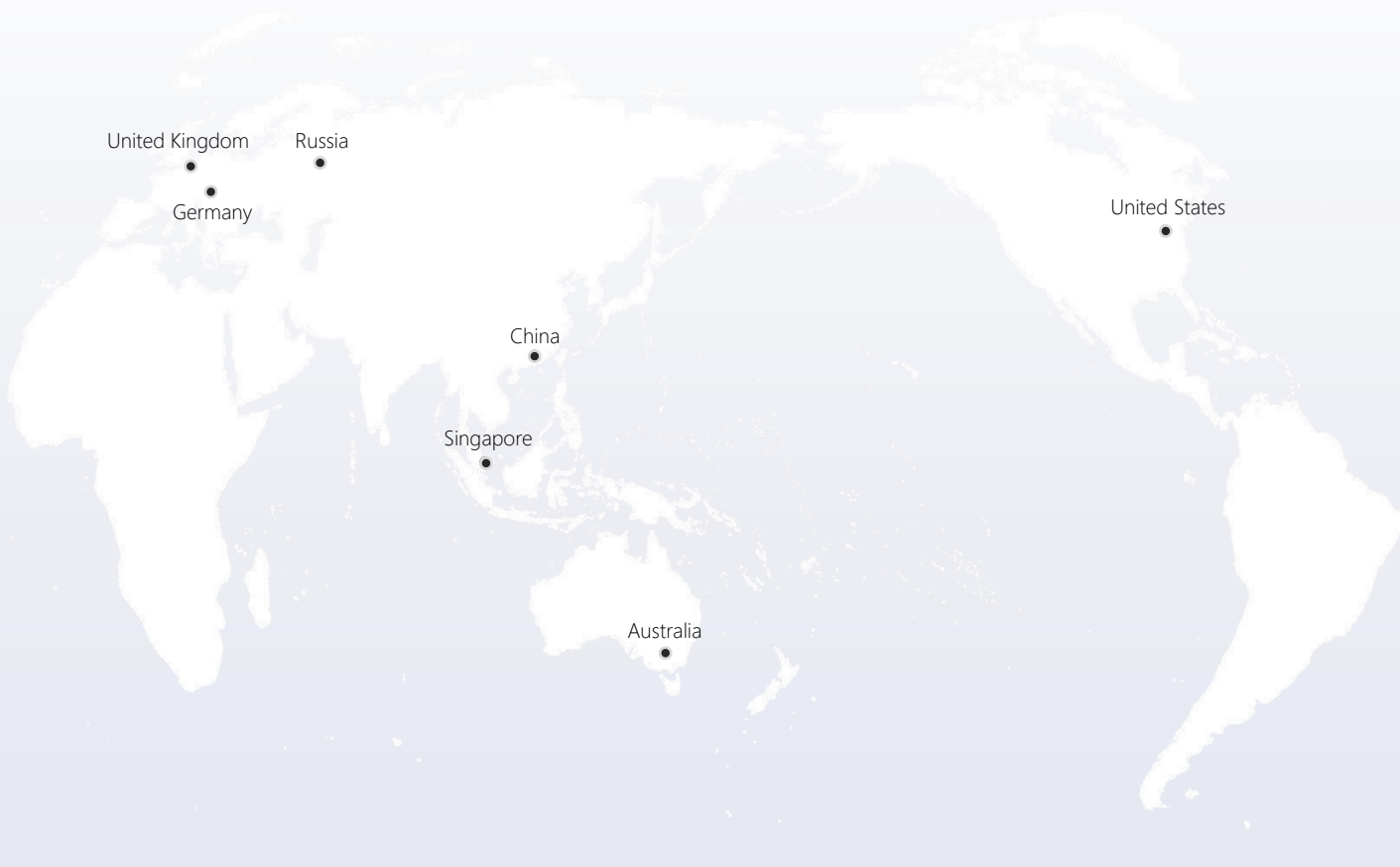|	TA1710-1G	TA1910-1GF-W
PON Ports	1SC/UPC	1SC/UPC
UNI Ports	1GE TX	1GE + 1FE TX
WIFI	/	300 Mbps
USB	/	1
TX power	0.5~5dBm	0.5~5dBm
RX Sensitive	<-28dBm	<-28dBm
Power Supply	100-240V AC, 12V/0.5A	100-240V AC, 12V/1A
Power Consumption	6W	10W
Dimensions (HxWxD)	0.94"x3.14"x2.95" (24x80x75mm)	1.18"x5.51"x4.13" (30x140x105mm)
Operating Temperature	0 to 45ºC (32 to 113ºF)	0 to 45ºC (32 to 113ºF)
Storage Temperature	-40 to 85ºC (-40 to 185ºF)	-40 to 85ºC (-40 to 185ºF)
Operating Humidity	10% to 85% (non-condensing)	10% to 85% (non-condensing)
Storage Humidity	5% to 95% (non-condensing)	5% to 95% (non-condensing)

FEATURES

Functionality	TA1710-1G	TA1910-1GF-W
VLAN	• 4K VLAN • Port based VLAN • IEEE 802.1Q VLAN • Tag/transparent/aggregation /Trunk/translation mode VLAN CTC2.0 defined VLAN	• 4K VLAN • Port based VLAN • IEEE 802.1Q VLAN • CTC2.0 defined VLAN
QoS	• Backpressure flow control (half-duplex) • IEEE 802.3x flow control (full duplex) • Against head of line mechanism • IEEE 802.1p, CoS • Four priority queues on each port • WR, SP and FIFO queue schedule algorithms • Port rate limit • SLA and DBA	• Backpressure flowcontrol (half-duplex) • IEEE802.3x flow control (full duplex) • Against head of line mechanism • IEEE 802.1p, CoS • Four priority queues on each port • WR, SP and FIFO queues chedule algorithms • Port rate limit • SLA and DBA
Multicast	• IGMP-Snooping • CTC defined dynamic multicast function • MLD-Snooping • Multicast group limitation • Multicast fast-leave	• IGMP-Snooping • CTC defined dynamic multicast function • MLD-Snooping • Multicast group limitation • Multicast fast-leave

FEATURES

Functionality	TA1710-1G	TA1910-1GF-W
Reliability	• Loop detection • Dying-Gasp • TX/RX optical power alarm	• Loop detection • Dying-Gasp • TX/RX optical power alarm
Management	• Management modes including HTTP • Software upgrade through TFTP and WEB,OM CI,etc. • Local or server syslog	--
Network Security	• MAC address number limit • MAC filter • Port protect	• MAC address number limit • MAC filter • Port protect
Standards	• ITU-T G.984/G.988 • IEEE 802.1D, Spanning tree • IEEE 802.1Q, VLAN • IEEE 802.1W, RSTP • TU-TY.1291	• ITU-T G.984/G.988 • IEEE 80 2.1Q,VLAN

FEATURES

Functionality	TA1710-1G	TA1910-1GF-W
Wireless	--	• 802.11 b/g/n • 802.11 ac(-22A models) • 2x2 MIMO • Multi SSID • SSID encryption • Wireless channel (configurable)
EPON / GPON Service	EPON • AES128 algorithm encryption • MAC/loid/hybrid authentication	GPON • AES128 algorithm encryption • MAC/loid/hybrid authentication
Voice Service	--	• SIP, T.38FAX • Three-way calling • Call waiting • Hot-line calling
IP Service	--	• DHCP server/client • Routing/bridging/hybrid mode • DNS, DDNS • PPPOE • NAT/NAPT

United Kingdom   Russia

Germany   United States

China

Singapore

Australia

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