Product Description

ARN3704E-G GPON OLT provides 4 GPON ports, 4*GE+2*GE(SFP)/ 10GE(SFP+) uplink ports. It has high reliability, high density and powerful switching and routing abilities. It is a new generation of broadband multi-service access OLT equipment for service integrated network.

ARN3704E OLT integrates with network security, supports data, voice and video, and provides continuous forwarding, graceful restarting and ring protection, improving the work efficiency and securing the maximum running time.

1U height 19 inch rack mount product with 4 PON ports, each port supports up to 128 ONUs, the whole device supports up to 512 ONUs. Small size and high density OLT, easy to install, convenient, flexible and easy to deploy high performance broadband access network. It can be deployed in compact room environment, and can also be used for "Triple-Play" VPN, IP Camera, Enterprise LAN and ICT applications.

ARN3704E-G
4 PON Ports GPON OLT

airnet

Features

1U 19 inch standard chassis GPON OLT with 4PON ports

Compliant with ITU-T G984/G.988 standards and China Telecom GPON Technical Requirements

Friendly EMS/Web/Telnet/CLI management

16K Mac address

Open to any brand of OLT

Support 4096 VLANs, port VLAN and protocol VLAN

Support VLAN tag/Un-tag ,VLAN transparent transmission

Support VLAN translation and QinQ

Support storm control based on port

Support port isolation

Support port rate limitation

Support 802.1D and 802.1W

Support static LACP

QoS based on port, VID, TOS and MAC address

Access control list

IEEE802.x flow control

Port stability statistic and monitoring

QoS based on port, VID, TOS and MAC address

Support IGMP snooping, 256 IP Multicast Groups

DHCP server,DHCP relay,DHCP snooping

Support data encryption, multi-cast, port VLAN, separation, RSTP, etc

Support ONT auto-discovery, auto configuration/link detection/remote upgrade of software

Support VLAN division and user separation to avoid broadcast storm

Support power-off alarm function, easy for link problem detection

Support broadcasting storm resistance function

Support port isolation between different ports

Support ACL and SNMP to configure data packet filter flexibly

Specialized design for system breakdown prevention to maintain stable system

Support RSTP,IGMP Proxy

Tcont DBA, Gemport traffic

Support Dynamic Bandwidth Allocation (DBA)

Support remote software upgrade,download ONT firmware to OLT from web/tftp/ftp

Two power supply redundancy design to improve reliability

Technical parameters

Items	Unit	Specifications
PON standard.		GPON ITU-T G.984.x, G.988
PON interface	Qty.	4*GPON SFP Ports (Class C+), Receiving sensitivity: ≤ -30dBm(Saturation Optical -12dBm). Power, Transmitting optical power: +3～+7dBm Transmission distance: 20KM. Max splitting ratio1:128
Speed	Gbps	Upstream 2.488G Downstream 1.244G
Wavelength	nm	Tx1310, Rx 1490
Uplink	GE	4*GE(copper Ethernet)
	SFP GE SFP 10GE	2*GE(SFP)/10GE (SFP+) auto-detection
Layer 3		Support static route, RIP v1/v2, OSFP v2, ARP proxy
Management Ports	Gbps	1*10/100BASE-T out-band port, 1*CONSOLE port
Management Mode	K	SNMP, Telnet, CLI, WEB
VLAN		Tag / Un-tag, VLAN transmission, QinQ
Operating condition	℃	Operating temp: 0 ~ +50
Storing condition	℃	Storing temp: -40 ~ +85
Humidity	%	5~90(non-condensing)
Power Supply	AC	100～240V, 47/63Hz, (DC:-48V optional)
Power consumption	W	≤45
Dimension	mm	442*235*44（L×W×H）
Net weight	kg	3

Shipping packaging

Description	Quantity	Weight	Carton Size
Shipping packaging	1pcs /ctn	4.5kg/ctn	575*380*115mm