



8
PORTS

AIRPRO AEAPON 4408: 8 Ports GEAPON OLT

- 8 PON port access
- 8 Combo Gigabit uplink services
- Maximum support 512 ONTs (1:64 splitter)
- In band and out band management Support CLI command line
- Support Telnet and local command lines management
- EMS management based on standard SNMP protocol
- Realize stable and efficient dynamic bandwidth allocation (DBA)
- ONU auto-detection and registration



OVERVIEW

Pizza-Box OLT series products are small with 1U height and 19 inch rack-mount. These are convenient, flexible, easy to deploy and high performing devices. Due to their small and compact size, they are ideal to deploy in a compact room environment. The OLT can be used for “Triple-Play”, Voice, Video, Data, IP Camera, Enterprise LAN and IOT applications. It provides 8GE (copper) and 8SFP slots combo interface for uplink and 8 EPON ports for downstream. It can support 512 ONU under 1:64 splitter ratio. The devices support EMS software through which they can be configured, controlled and supported remotely from a central location.

KEY FEATURES

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- Support Telnet and local command lines management
- EMS management based on standard SNMP protocol
- Realize stable and efficient dynamic bandwidth allocation (DBA)
- ONU auto-detection and registration • Loop detection

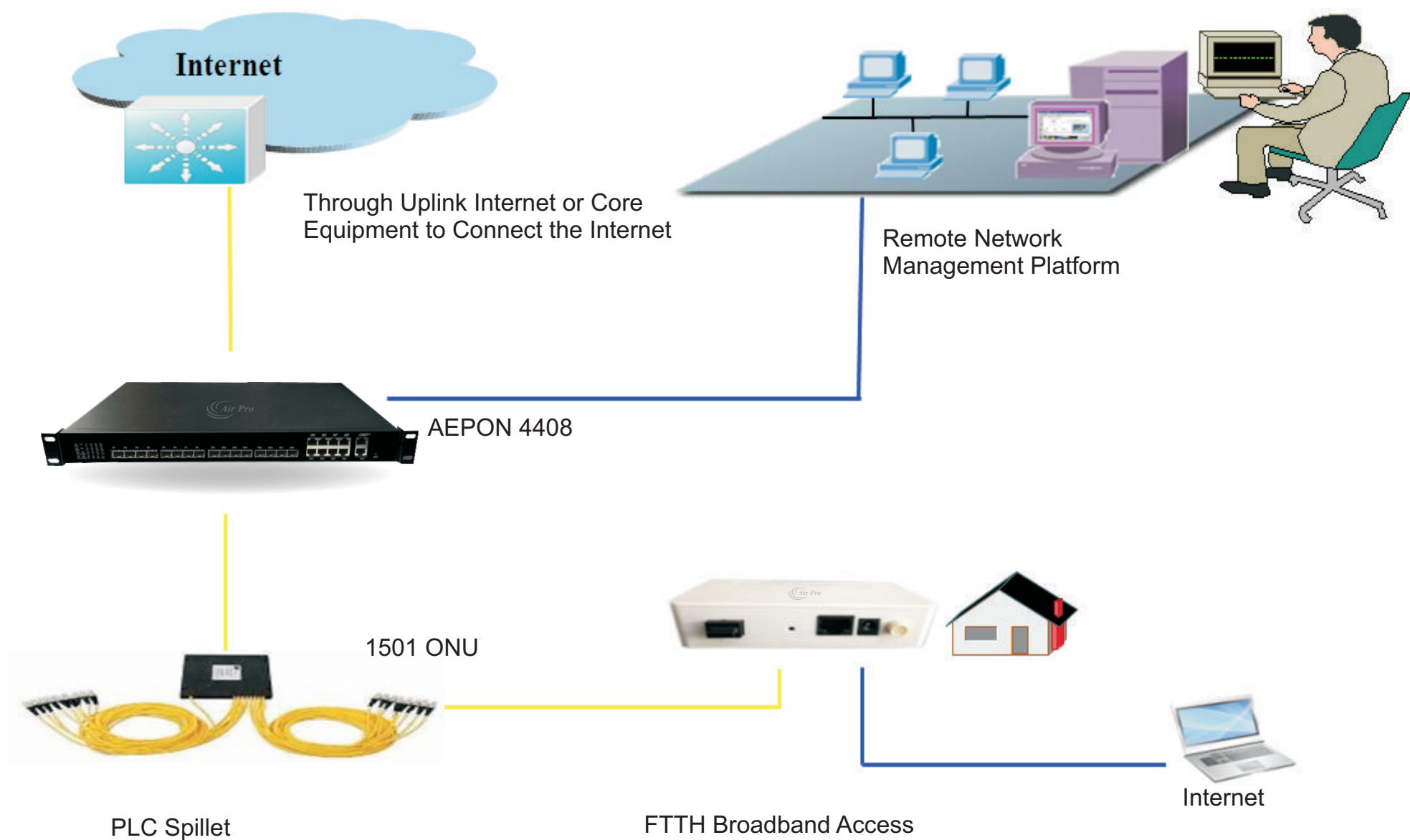
TECHNICAL SPECIFICATIONS

| Hardware | |
|-----------------|--|
| Data interface | 16 Ports Physical Interface : 10/100/1000M auto-negotiable,RJ45:4 Ports GE SFP ,1000BASE-LX :8 Ports |
| PON Port | 8 PON Ports Physical Interface : SFP Slots Connector Type : 1000BASE-PX20+ Max splitting ratio : 1 : 64 |
| Management | 1*10BASE-T out-band management port |
| Interface | 1*Console management port |
| OLT PON SFP | Transmission Distance : 20KM PON port speed: symmetrical 1.25Gbps Wavelength: 1490nm TX,1310nm RX Connector: SC/PC Fiber Type: 9/125μm SMF TX Optical power : +2 ~ +7dBm RX Sensitivity: -27dBm Saturation Optical Power: -6dBm |
| Management Mode | SNMP, Telnet Support EMS centralized management |

TECHNICAL SPECIFICATIONS

| Hardware | |
|---------------------|---|
| Management Function | Port Status monitoring and configuration management; Layer-2 switch configuration such as VLAN Trunk, RSTP, IGMP, QOS EPON management function: DBA, ONU authorization, ACL, QOS Online ONU configuration and management User management, Alarm management |
| Layer-2 Function | Support port VLAN and protocol VLAN Support VLAN tag/Untagged , VLAN transparent transmission Support 4096 VLAN STP, RSTP QOS based on port ,VID,TOS and MAC address IGMP Snooping 802.x flow control Port stability statistic and monitoring |
| EPON Function | Support port-based rate limitation and bandwidth control In compliant with IEEE802.3ah Standard Up to 20KM transmission Distance Support data encryption, group broadcasting, port VLAN separation, RSTP Support Dynamic Bandwidth Allocation (DBA) Support ONU auto-discovery/Link detection/remote upgrade of software Support VLAN division and user separation to avoid broadcast storm Support various LLID configuration and single LLID configuration Different user and different service could provide different QoS by means of different LLID channels. 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 dynamic distance calculation on EMS online Support RSTP,IGMP Proxy |
| Dimension | 440*280*44(mm*mm*mm) GW:4kg |
| Weight | NW:4.5KG |
| Power Supply | AC:90V ~ 240V |
| Power Consumption | 45W |
| Operating | Working Temperature : 0 ~ 50°C |
| Environment | Storage Temperature : -40 ~ 85°C Relative Humidity : 5 ~ 90% (non-condensing) |

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