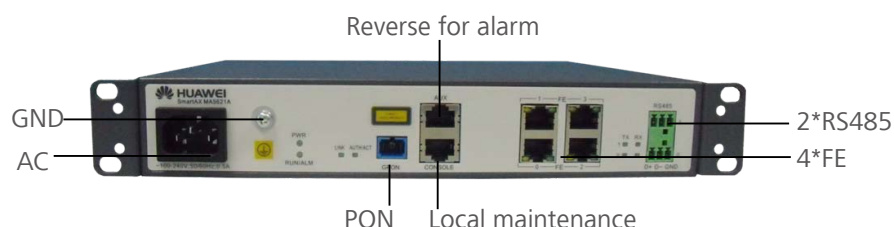


SmartAX MA5621A

Huawei SmartAX MA5621A (MA5621A for short) is the first multi dwelling unit (MDU) designed specifically for AMR(automatic ammeter reading) in the industry, which supports flexible GPON/EPON uplink, four FE electrical ports, and two RS485 serial ports for service port. The MA5621A allows all kinds of terminals connection, for example, PC, monitor, ammeters and concentrators. MA5621A also can work in video monitor system and broadband access in residential area. MA5621A features wide temperature range, low power consumption, mute design, high stability and environment-friendly.

Appearance

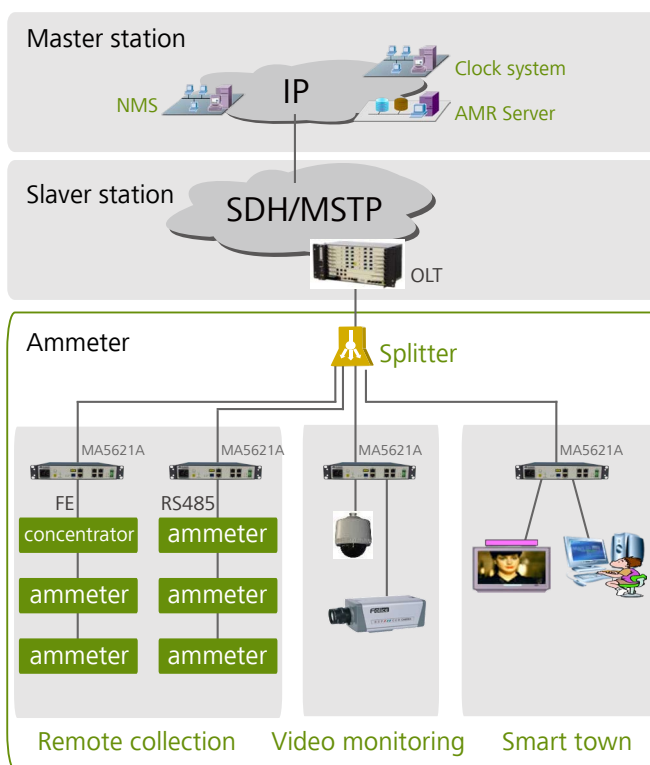


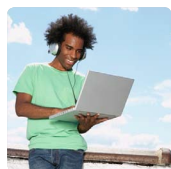
Application

When MA5621A be used in AMR system, normally it will be installed in an outdoor cabinet in apartment building. It connects to AMR server through OLT with GPON or EPON port, and connects to ammeter and concentrator by FE or RS485 port.

MA5621A can be used in environment monitor system. In this scenario, MA5621A close to camera and connect to camera or controller by FE port, at uplink side, MA5621A connects to video monitor center through OLT.

MA5621A also can be used in broadband access for residential. By the feature of OPLC(Optical Fiber Composite Low-voltage Cable), we install MA5621A on the wall inside home, uplink to OLT and down link to PC or STB, provide very high speed internet and HDTV for customers. Even provide access for internet of things.





Highlights

- Uplink support GPON or EPON SFP optical module for flexible option, down link support FE/RS485 option port to meet different customer's requirement.
- Support Class C+ optical module, max coverage to 60Km and max splitter ratio to 1:128.
- Ready for IPv6 application and multicast protocol, improve multi service capability.
- Support Cat5 cable and FE port diagnose function, quickly find and recovery fault point, make maintenance more easily.
- High reliability: metallic shell and passive cooling, Anti-condensation design, 6KV lightning proof capability.
- Wide working temperature range from -40°C to 70°C, meeting extreme weather conditions.
- Small and light for easy installation; low noise and power consumption meet EU environmental protection requirement.
- Unitive NMS manage OLT, ONU, ODN and terminals; provide Plug-and-play (PnP) service provisioning: remote configuration; remote upgrade and patch installation, remote fault location.

Features

GPON	Complies with ITU G.984 standards
	128 T-CONTs
	4096 GEM ports
Broadband	4096 VLANs, supporting QinQ and stacking VLANs
	4096 MAC addresses, supporting VMAC
	802.1p, supporting PQ and WRR flow control, and ACL
Leased line service	Transparent transmission of services complying with IEC60870-5-101, IEC60870-5-104, IEC61850, CDT, and DNP
Security	PPPoE+ and DHCP option82
	Static and dynamic MAC address binding
	Anti-MAC and anti-IP spoofing; source MAC address and IP address filtering
	Anti-DoS attack and firewall
Maintenance and management	Supports SNMPv1, SNMPv2, and SNMPv3
	Supports Telnet and SSHv2
	Remote and batch pre-deployment
	Remote upgrade and monitoring

Specifications

Dimensions (H x D x W)	43.6 mm x 180 mm x 250 mm
Network-side port	1*GPON or 1*EPON; SFF; SC/PC (UPC)
User-side port	4*FE + 2*RS485
Operating temperature	-40°C to +70°C
Humidity	5% to 95% (non-condensing)
Heat dissipation mode	Passive cooling without fan
Lighting proof	Power/ FE port: 6Kv; RS485 port: 4Kv
EMC standards	Complies with EN 55022 Class A, IEC61000 relatively
Power supply	AC: 220 V/110 V
Weight	1.5 kg
Power consumption	10W

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