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Overview

EA5801-GP08-DC is the Huawei EA5801 OLT, with 8 GPON interfaces and DC Power. The Huawei SmartAX EA5801 is a compact and lowdensity box-shaped OLT. It provides GPON or XG-PON&GPON combo access, and supports passive optical LAN (POL) and fiber to the home (FTTH) solutions. It carries all services over one fiber network, simplifying network architecture and reducing OPEX. The EA5801 houses integrated control and service module, 1 pluggable fan module and 2 pluggable power modules.

Quick Specification

Model	Huawei SmartAX EA5801-GP08-DC	
Dimensions (H x W x D)	Without mounting ears: 43.6 mm x 442 mm x 222.3 mm	
	With IEC-standard mounting ears: 43.6 mm x 482.6 mm x 222.3 mm	
	With ETSI-standard mounting ears: 43.6 mm x 535 mm x 222.3 mm	
Power Supply Mode	DC power supply (dual for backup)	
Working Voltage Range	DC power supply: -38.4V to -72V	
Rated Voltage	DC power supply: -48V/-60V	
Maximum Input Current	DC power supply: 6A	
MAC Addresses	32,768	
ARP Table	16,384	
GE Upstream Ports	2 optical/electrical combo ports	
10 GE/GE Upstream Ports	2	
Number of Service Ports	8 x GPON	



SmartAX EA5801-GP08-DC Datasheet

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Product Details:

The Front Panel:



Features Huawei SmartAX EA5801-GP08-DC provides:

★ Light-Weight OLT, Adapting to Various Scenarios

The EA5801 is a box-shaped OLT that requires 1 U installation space, making it applicable to access point convergence on a small scale. It is suitable for lightweight deployment in enterprises. One OLT can meet the service carrying requirements for an enterprise or campus.

★ PON Combo Technology

The EA5801-CG04 supports the PON combo technology, and can work with the built-in WDM1r optical module to support smooth evolution from GPON to XG-PON.

 \star Rapid Deployment, Facilitating Installation and Saving Engineering Cost

The EA5801 can be installed in indoors or outdoors cabinets. When installed outdoors, it can be easily deployed in high temperatures, conserving man power and cabinet space.

Compare To Similar Items:

Model	EA5801-GP08-AC	EA5801-GP08-DC	EA5801-CG04-AC	EA5801-CG04-DC
Power Supply Mode	AC power supply	DC power supply	AC power supply	DC power supply
	(dual for backup)	(dual for backup)	(dual for backup)	(dual for backup)
Working Voltage	AC power supply:	DC power supply: -	AC power supply:	DC power supply: -
Range	100V to 240V	38.4V to -72V	100V to 240V	38.4V to -72V
Rated Voltage	AC power supply:	DC power supply: -	AC power supply:	DC power supply: -
	110V/220V	48V/-60V	110V/220V	48V/-60V
Maximum Input	AC power supply:	DC power supply:	AC power supply:	DC power supply:
Current	2.5A	6A	2.5A	6A

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MAC Addresses	32,768	32,768	32,768	32,768
ARP Table	16,384	16,384	16,384	16,384
GE Upstream Ports	2 optical/electrical combo ports	2 optical/electrical combo ports	2 optical/electrical combo ports	2 optical/electrical combo ports
10 GE/GE Upstream Ports	2	2	2	2
Number of Service Ports	8 x GPON	8 x GPON	4 x G-PON and GPON combo	4 x G-PON and GPON combo

Get more information:

Do you have any question about SmartAX EA5801-GP08-DC? Contact us now via e-mail: <u>info@hi-network.com</u>

Specific Data Sheet:

Model	EA5801-GP08-DC
	Without mounting ears: 43.6 mm x 442 mm x 222.3 mm
	With IEC-standard mounting ears: 43.6 mm x 482.6 mm x 222.2
Dimensions (H x W x D)	mm
	With ETSI-standard mounting ears: 43.6 mm x 535 mm x 222.3
	mm
Power Supply Mode	DC power supply (dual for backup)
Working Voltage Range	DC power supply: -38.4V to -72V
Rated Voltage	DC power supply: -48V/-60V
Maximum Input Current	DC power supply: 6A
	-40°C to +65°C* (normal operation), Minimum startup
Ambient Terreneroture	temperature: -25°C
Ambient Temperature	*+65°C indicates the temperature of the air intake vent of the
	service subrack
Ambient Humidity	5% RH to 95% RH
Atmospheric Pressure	70 kPa to 106 kPa
Altitude	< 4,000m**
	**The air density varies with the altitude and will affect the heat
Annuac	dissipation of a device. Therefore, the working environment
	temperature of the device varies with the altitude.
MAC Addresses	32,768
ARP Table	16,384
GE Upstream Ports	2 optical/electrical combo ports





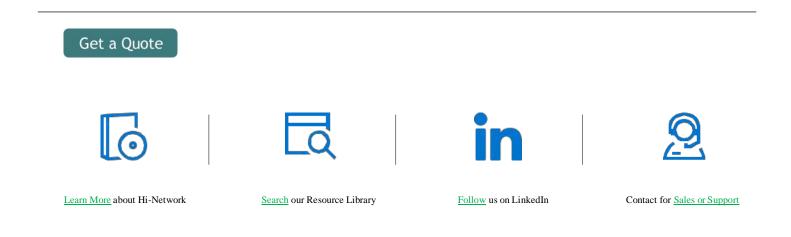
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10 GE/GE Upstream Ports	2
Number of Service Ports	8 x GPON

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