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Overview

EA5801-CG04-DC is the Huawei EA5801 OLT, with 4 x G-PON and GPON combo and DC Power. The Huawei SmartAX EA5801 is a compact and low-density 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-CG04-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 | 4 x G-PON and GPON combo |

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Product Details:

The Front Panel:



Features Huawei SmartAX EA5801-CG04-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.

★ 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 (dual for backup) | DC power supply (dual for backup) | AC power supply (dual for backup) | DC power supply (dual for backup) |
| Working Voltage Range | AC power supply: 100V to 240V | DC power supply: - 38.4V to -72V | AC power supply: 100V to 240V | DC power supply: - 38.4V to -72V |
| Rated Voltage | AC power supply: 110V/220V | DC power supply: - 48V/-60V | AC power supply: 110V/220V | DC power supply: - 48V/-60V |
| Maximum Input | AC power supply: | DC power supply: | AC power supply: | DC power supply: |


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| | | | | |
|----------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Current | 2.5A | 6A | 2.5A | 6A |
| 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: info@hi-network.com

Specific Data Sheet:

| | |
|-------------------------|---|
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| 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 |
| Ambient Temperature | -40°C to +65°C* (normal operation), Minimum startup temperature: -25°C *+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 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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| Number of Service Ports | 4 x G-PON and GPON combo |



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