

HSGQ-X410DW ONU

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Variants

APC UPC

Details

X410DW XPON WiFi ONU (4GE + Dual Band)

General Specifications

Category	Specification
Product Type	XPON ONU (GPON / EPON Adaptive)
User Interface	4 x 10/100/1000M RJ45
WiFi	2.4 GHz + 5 GHz Dual Band
PON Mode	GPON / EPON Adaptive
Optical Interface	SC/UPC or SC/APC
Coverage Distance	Up to 20 km
ONU Authentication	Supported

PON Performance

Category	Specification
GPON Speed	Up: 1.25 Gbps / Down: 2.5 Gbps
GPON RX Sensitivity	-7 to -28 dBm

GPON TX Power	+0.5 to +5 dBm
EPON Speed	Up: 1.25 Gbps / Down: 1.25 Gbps
EPON RX Sensitivity	-7 to -27 dBm
EPON TX Power	0 to +4 dBm

Ethernet Features

Category	Specification
Ports	4 x Gigabit RJ45
Mode	Auto-Negotiation
Duplex	Full / Half Duplex
Connector	RJ45
MDI/MDIX	Auto
Distance	Up to 100 m

System & Management

Category	Specification
Management	WEB / TELNET / TR069 / OMCI / OAM
Protocol Support	GPON / EPON Standards
Remote Management	Supported

Power & Physical

Category	Specification
Power Supply	DC 12V / 1.5A

Power Interface	2.1 mm / 5.5 mm
Power Consumption	< 12 W
Dimensions	160 × 110 × 25 mm

Environmental Conditions

Category	Specification
Operating Temperature	0°C to +60°C
Storage Temperature	-40°C to +80°C
Operating Humidity	10% – 85% (non-condensing)
Storage Humidity	5% – 95% (non-condensing)

LED Indicators

Indicator	Status	Description
POWER	On / Off	Power status
PON	On / Blinking / Off	Registered / Registering / Failed
LOS	On / Off	Signal loss / Normal
LAN	On / Blinking / Off	Link / Data / No connection
2.4G	On / Blinking / Off	WiFi active / Data / Off
5G	On / Blinking / Off	WiFi active / Data / Off
WPS	On / Blinking / Off	Connected / Connecting / Idle
NET	On / Off	Internet access status