

ONU Dual G/EPON / Wi-Fi 6 AX3000 / 4 Puertos LAN Gigabit / USB 3.0 / CATV AGC / EasyMesh

SKU: V2804AX30-H Marca: V-SOL Categoría: ONUs / ONTs

Garantía: 1 año

$997.03

Precios con IVA incluido

DESCRIPCIÓN

La ONU V-SOL V2804AX30H es una unidad de red óptica dual G/EPON diseñada para operadores ISP y despliegues de fibra hasta el hogar. Integra conectividad Wi-Fi 6 AX3000 en banda dual, cuatro puertos LAN Gigabit y un puerto USB 3.0, permitiendo la entrega simultánea de servicios de datos, voz y CATV con control AGC. Su compatibilidad con EasyMesh facilita la extensión de cobertura inalámbrica en entornos residenciales y pequeñas oficinas. La gestión remota se realiza a través de EMS, interfaz web, OLT, Telnet o CLI, adaptándose a diversas infraestructuras de administración. Con un factor de forma compacto y bajo consumo energético, esta ONU está optimizada para montaje en bandejas de fibra y operación continua en condiciones de -10 a 55 °C.

Características Generales
ONU dual G/EPON con soporte CATV AGC
Wi-Fi 6 AX3000 dual banda hasta 3000 Mbps
4 puertos LAN Gigabit RJ45
1 puerto PON SC/UPC
1 puerto USB 3.0
2 antenas Wi-Fi de 5 dBi
Compatible con EasyMesh
Gestión remota vía EMS, Web, OLT, Telnet y CLI
Diseño compacto para montaje en bandejas de fibra

Desempeño de Red
Wi-Fi 6: 802.11a/n/ac/ax 5 GHz
Wi-Fi 4: 802.11g/b/n 2.4 GHz
Velocidad inalámbrica hasta 3000 Mbps
2 antenas de 5 dBi
4 puertos LAN 1 Gbps RJ45
1 puerto PON SC/UPC
1 puerto USB 3.0

Físicas y Eléctricas
Dimensiones: 200 × 156.8 × 32.33 mm
Peso: 0.35 kg
Alimentación: 12 V / 1 A (fuente incluida)
Consumo máximo: 12 W
Temperatura de operación: -10 a 55 °C

Gestión y Monitoreo
EMS
Interfaz Web
OLT
Telnet
CLI

ESPECIFICACIONES

Característica 1	**Gestión remota multiplataforma: EMS, Web, OLT, Telnet y CLI**
Característica 2	**Wi-Fi 6 dual banda hasta 3000 Mbps con 2 antenas de 5 dBi**
Característica 3	**Modo dual XGSPON/GPON y EPON con soporte CATV AGC integrado**
Característica 4	**4 puertos LAN Gigabit para distribución de alta velocidad en red local**
Característica 5	**Puerto USB 3.0 para expansión de almacenamiento o servicios locales**
Característica 6	**Diseño compacto y ligero de 0.35 kg para instalación en bandejas de fibra**

MEMORIA TÉCNICA · V2804AX30-H

Número de parte de esta ficha: V2804AX30-H. La información corresponde a esta variante.

V2804AX30(T)-H
1XPON + 4LAN + 1USB3.0 + WiFi6 HGU ONT, CATV Optional
Introduction:
V2804AX30(T)-H (4GE+WiFi6 XPON HGU ONT,CATV Optional) is a broadband access device designed to meet the demands of fixed network operators for FTTH and triple-play services.
This ONT is based on a high-performance chip solution, supporting XPON dual-mode technology (EPON and GPON). With WiFi speeds of up to 3000Mbps, it also supports IEEE 802.11b/g/n/ac/ax WiFi 6 technology and other Layer 2/Layer 3 features, providing data services for carrier-grade FTTH applications. In addition, this ONT supports OAM/OMCI protocols, allowing configuration and management of various services on the VSOL OLT, making it easy to manage and maintain, and ensuring QoS for various services. It complies with international technical standards such as IEEE802.3ah and ITU-T G.984.
The V2804AX30(T)-H dopts a simplified design, with 2.4G and 5G antennas sharing the same antenna housing;With Tray-mounted Fiber Structure design, it can be placed on a desktop or wall-mounted, adapting effortlessly to various scene styles!
Application Chart:
Key Features:
Next-Gen Gigabit WiFi6
2.4GHz & 5GHz Dual Band
Speed up to 3Gbps
Tray-mounted Fiber
Structure
Triple-play Services
HIgh Performance Solution
OLT

CATV RF
- V8810TE
- Optical Transmitter
CATV 1550nm
V8816W EDFA
Splitter
Internet
- WiFi Device
V2804AX30T-H
PCIPC
CATV
Tray-mounted
Fiber Structure
SC/APC
Highly integrated
small size and light weight
RF Signal
- Product Name Product Description Accessories
V2804AX30T-H 1XPON+4*GE+1USB3.0+CATV+WiFi6 AC-DC power adaptor: DC12V / 1A
V2804AX30-H 1XPON+4*GE+1USB3.0+WiFi6 AC-DC power adaptor: DC12V / 1A
Dimension 200mm×156.8mm×32.33mm(L×W×H)
Net weight0.35Kg
Operating
condition
Operating temp: -10 ~ +55°C
Operating humidity: 5 ~ 95% (non-condensed)
Storing
condition
Storing temp: -40 ~ +70°C
Storing humidity: 5 ~ 95% (non-condensed)
Power
adapter
12V/1A
Power supply≤12W□ External AC-DC power adapter
Interface
1XPON+4GE+1USB3.0+CATV+WiFi6
Indicators
PWR ,PON ,LOS ,WAN ,LAN1~4 ,2.4G ,5G ,
WPS ,USB ,CATV
Hardware Parameter
PON
Interface
- 1XPON port(EPON PX20+ and GPON Class B+)
- SC single mode
- V2804AX30T-H SC/APC connector
- V2804AX30-H SC/UPC connector
- TX optical power: 0□ +4dBm
- RX sensitivity: -27dBm
- Overload optical power: -3dBm(EPON) or -
8dBm(GPON)
- Transmission distance: 20KM
- Wavelength: TX 1310nm, RX1490nm
User
interface
- 4×GE, Auto-negotiation,RJ45 ports
Antenna 2.4GHz\5GHz 2T2R, external antennas
CATV
interface
- Optical receiving wavelength: 1550±10nm
- Optical input range: +2□ -18dBm
- Optical reflection loss: ≥40dB
- RF frequency range: 47□ 1000MHz
- RF output impedance: 75Ω
- RF output level and AGC range:
- ≥79±2dBuv@ 0□ -11dBm
- MER: ≥32dB(-14dBm optical input)
Interface parameter
O&M
- WEB/TELNET/OAM/OMCI/TR069
- Support private OAM/OMCI protocol
Internet
connection
Support Routing Mode
Multicast
- IGMP v1/v2/v3, IGMP snooping
- MLD v1/v2 snooping
WIFI
- WIFI6: 802.11a/n/ac/ax 5GHz, 2.4GHz
- WiFi: 2.4GHz\5GHz 2×2, 2 dual band
antennas, rate up to 3Gbps,Multiple SSID
- WiFi Encryption: WEP-64/WEP-128/
WPA/WPA2/WPA3
- Support OFDMA, MU-MIMO, Dynamic QoS,
1024-QAM
- Smart Connect for one Wi-Fi name - One
SSID for 2.4GHz and 5GHz dual band
- Support WIFI Easy-mesh function
L2 802.1p Cos,802.1Q VLAN
L3
IPv4/IPv6, DHCP Client/Server,PPPoE, NAT,
DMZ, DDNS
Firewall
Anti-DDOS, Filtering Based on ACL/MAC
/URL
Function Data