



KYPUS ONT

OPTICAL NETWORK TERMINAL

2024

CARACTERISTICAS TECNICAS

KYPUS ONT 2024

Modelo: Kypus 2024

4*GE+1*+WiFi6
Gigabit WiFi6 2.4GHz & 5GHz
Dual Band Speed up to 3 Gbps
XPON HGU ONU

Interface

1 SC/UPC Port or 1 SC/APC Port
4 10/100/1000Mbps RJ45 Port
WIFI (2.4G & 5.8G)

External Power Supply

DC 12V/1.5A

Environmental Requirements

Working temperature:

0°C~40°C

Storage temperature:

-40°C~70°C

Relative humidity:

10%~90%, non-condensing

XPON Standards

ITU-T G.984.x and IEEE802.3ah

IGMP

IGMP v2/v3
IGMP Snooping/Proxy

Ethernet Interface

4x 10/100/1000BASE-T RJ45
Auto negotiation
Auto MDI/MDIX

Management

Managed by Web, OAM and Telnet,
Specified the management IP,
Reset to Factory default by Reset button or Web UI,
Real-time statistics, Optical Diagnostic

XPON Power level

Downstream:
– Wavelength : 1490nm
– Sensitivity : -27dBm
– Saturation : -9dBm
Upstream:
– Wavelength : 1310nm
– TX power : 0.5 ~ 5dBm
– RMS: 0.5nm

WIFI

Standard
2.4GHz supports 802.11b/g/n
5.8GHz supports 802.11a/n/ac/ax
Transmit power
2.4G 100mW,5G/200mW
Antenna
2.4G antenna :5dBi
5.8G antenna :5dBi



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XPON feature

Compliant with ITU-T G.984.x and IEEE 802.3ah, FEC (Forward Error Correction) in both upstream and downstream. Dynamic bandwidth status report 802.1p mapper for upstream QoS scheduling based on SP or WRR between GEM port and T-CONT, Downstream multicast GEM port and broadcast GEM port

Ethernet Feature

Support Auto-speed and MDI/MDIX auto detection, Internal L2 switch
Advanced data processing function, such as VLAN label processing, flow classification and packet filtering

Gateway Feature

WAN support Router and Bridge mode Router mode supports PPPoE/DHCP/ static IP
WAN support Internet, VoIP, IPTV, TR069, LAN supports DHCP and static IP Support NAT and NAPT
Support UPnP

WIFI feature

Compatible with IEEE 802.11 b/g/n/ac/ax, maximum support 3000Mbps 2x2 MIMO antenna
Single frequency 2.4GHz and 5GHz
WEP, WPA-PSK, WPA2-PSK and other encryption