DigiSAT DSXO-1004WV-AC – GPON ONU

TECHNICAL /FEATURES

1. Overview

- DSXO-1004WV-AC is AC1200 Dual Band as HGU (Home Gateway Unit) in deferent FTTH solutions by DigiSAT, The carrier class FTTH application provides data service access.
- DSXO-1004CWV is based on mature and stable, cost-effective XPON technology. It can switch automatically with EPON and GPON when it access to the EPON OLT or GPON OLT.
- DSXO-1004WV-AC adopts high reliability, easy management, configuration flexibility and good quality of service (QoS) guarantees to meet the technical performance of the module of GPON Standard of ITU-TG.984.X

2. Functional Feature

- Support EPON/GPON mode and switch mode automatically
- Support ONU auto-discovery/Link detection/remote upgrade of software
- WAN connections support Route and Bridge mode
- Route mode supports PPPoE/DHCP/ static IP
- Support QoS and DBA
- Support port Isolation and port vlan configuration
- Support Firewall function and IGMP snooping multicast feature
- Support LAN IP and DHCP Server configuration
- Support Port Forwarding and Loop-Detect
- Support TR069 remote configuration and maintenance
- Specialized design for system breakdown prevention to maintain stable system

Device Parameters

Operating temperature	0°C to 40°C	PON	XPON
Operating humidity	5% RH to 95% RH (non-condensing)	Port	4*GE+1*POTS+2.4G/5G Wi-Fi +1USB
Power consumption	12w	Optical connector	SC/UPC,SC/APC
PPPOE	Support	**Warranty Time**	12 months

Software

Networking	QoS	Security	Management
· IPv4/IPv6 Dual Stack · SNTP client · NAT/ALG · Static routing/Dynamic routing · PPPoE client/passthrough · DNS client/relay · DHCP client/server · IGMP and MLD snooping/proxy	· Flexible packet classification · Up to eight queues · SP/WRR/SP+WRR · Ingress rate limit · Egress shaping · WMM(Wi-Fi Multi Media)	· Traffic filtering based on UNI port, VLAN ID, 802.1p, UNI+ 802.1p or VLAN+802.1p · DoS attack defending · Multiple VPN (IPSec, PPTP) passthrough · MAC address filtering · Broadcast/Unicast/Multicast attack protection · Broadcast packet rate limit · Dual image for firmware auto rollback	· TR-069/OMCI remote management · WEB GUI management · Local built-in diagnostic function · Logs and statistics · Remote upgrade by HTTP

Others

Electrical Characteristics	Environmental Characteristics
· Power input: 12V DC · Power consumption: 9W	Operating temperature: 0 °C~ 40°C; (32°F ~ 104°F) · Humidity: 5% ~ 95% (non-condensing)