

FTTH XPON ONT Wireless 4LAN+Voip

8546M



Product Overview :

8546M Optical Network Terminal (ONT), is a high-end residential gateway in the FTTH solution. By using GPON SC/UPC technology, access to ultra-wideband Internet is provided to home and SOHO users. 8546M has 1 POTS phone port, 1 GE Gigabit port + 3 FE fast Ethernet ports and 1 USB port. It enables wireless WiFi transmission in 2.4 GHz band, according to IEEE 802.11 b/g/n standards. Maximum wireless transmission capacity is 300 Mbps, the device has two external antennas with 2 dBi gain each. Therefore, 8546M provides ideal terminal solution and support for future FTTH implementation. The offered product is perfect for homes and small businesses, providing reliable service. Included with the device is a DC 12V 1A power supply with European plug (no adapters!).

Key Features :

- GPON ONT terminal
- GPON SC/UPC port
- 1 Gigabit Ethernet port
- 3 Fast Ethernet ports
- 1 USB port
- 1 phone port (POTS)
- possibility of WiFi network transmission in 2.4 GHz band
- maximum wireless transmission speed 300Mbps
- two external antennas with 2 dBi gain each

Product specifications		
Interface Parameter	LAN ports	4x 10/100BaseTX (Rj45)
	PON standard	GPON
	Wireless network standards	IEEE 802.11g, IEEE 802.11n, IEEE 802.11b,
	USB port	1x USB
	VoIP ports	1x POTS
	GPON port	1 SC/UPC GPON port Class B+ Sensitive reception:-27 dBm Wavelength: US 1310nm, DS 1490nm WBF Flexible mapping between the GEM and TCONT ports G.984.3 Double-sided FEC SR-DBA and NSR-DBA
	Ethernet port	1 port 10/100/1000BASE-T (Rj45); 3 ports 10/100BASE-T (Rj45) Transparent VLAN transmission
	POTS port	Maximum REN: 4 G.711A/u, G.729a/b and G.722 T.30 / T.38 / G.711 fax DTMF Emergency calls (via SIP protocol)
	USB port	1 USB 2.0 port Possibility to create a network drive based on FTP
	WLAN	IEEE 802.11 b/g/n 2x2 MIMO Antennas with 2 dBi gain WMM Many SSIDs WPS
	Connection type	SC/UPC

Product specifications		
Hardware Parameter	Dimensions	176x138x28 mm (without antenna)
	Weight	< 500 g
	Permissible operating temperature	0 to 40 degrees C
	Permissible air humidity	5%-95% RH non-condensing
	Power input	100- 240 V AC, 50-60 Hz
	System power supply	11- 14 V DC, 1 A
	Static power consumption	4.5 W
	Maximum power consumption	12 W
	LEDs	POWER / PON / FATE / LAN / TEL / USB / WLAN / WPS
Function data	Intelligent connection	Intelligent WIFI coverage (support V300R015C10) Adaptive SIP / H.248 Any port Any service Parental control (support V300R015C10)
	Intelligent operation and maintenance	OMCI Active passive ONT detection and isolation Call up simulation / internal test, external PPPoE / DHCP simulation test WLAN simulation
	Multicast	IGMP v2 / v3 snooping IGMP v2 proxy server IGMP v3 proxy server (support V300R015C10) MLD v1 / v2 snooping WIFI provides multicast services
	QoS	Ethernet port speed limit Priority 802.1 SP/YYYY / SP + YYYYY Limit on packet transmission speed
	O & M	OMCI / Web UI / Tr069 Double backup and restore software
	Security	SPI firewall Anti-DoS attack MAC / IP / URL filtering



SUMICO

Tarvij Sanat Sumi Parsian Co. LTD
No.1, 4th Narges Alley, Azadi Bolv. Shams-Abad Industry Park,
Tehran-Qom Highway, Hasan Abad Fashafooye, Tehran, Iran
Tel: +98 21 43614000 Fax: +98 21 43614300
E-Mail: info@sumico.ir PC: 1834179535

توجه :

sumico حق تغییر مشخصات را بدون اطلاع قبلی دارد. اگر چه اطلاعات جمع آوری شده در این دیتاشیت با دقت صورت گرفته، ولی نباید تضمینی برای محصول نهایی گردد. sumico فقط در رابطه با مشخصاتی که عیناً در فاکتور فروش و هنگام عقد قرارداد قید میشود، مسئولیت دارد. هرگونه استفاده و کپی برداری از منابع و محصولات، تنها با اجازه نامه کتبی از sumico مجاز میباشد و هرگونه استفاده غیر، پیگرد قانونی دارد.

Specifications are subject to change without notice. Copyright ©2023 SUMICO CO.,LTD. All rights reserved.

Soltek is the trademark of Tarvij Sanat Sumi Parsian Co.

All other brand names mentioned herein are the trademark or registered trademarks of their respective holders.