

SBA ONU 063

ONU GEAPON con un puerto PON de entrada, 4 puertos Ethernet de salida y router WiFi incorporado. Útil para distribución de datos, IPTV y VoIP.



ESPECIFICACIONES

Item	Parameter
PON Interface	1 EPON optical interface Meet 1000BASE-PX20 standard Symmetric 1.25Gbps upstream/downstream SC single-mode fiber split ratio: 1:64 Transmission distance 20KM
User Ethernet Interface	4*10/100M auto-negotiation Full/half duplex mode RJ45 connector Auto MDI/MDI-X 100m distance
Power Interface	12V DC Power supply An external 12V 0.5A AC/DC power supply adapter
PON Optical Parameter	Wavelength: Tx 1310nm, Rx 1490nm Tx Optical Power: -1 ~ 4dBm Rx Sensitivity: -27dBm Saturation Optical Power: -3dBm Connector Type: SC Optical Fiber: 9/125µm single-mode fiber
Data Transmission Parameter	PON Throughput: Downstream 950Mbps; Upstream 930Mbps Ethernet: 100Mbps (FD101H, FD104H) , 1000Mbps (FD112H) Packet Loss Ratio: <1*10E-12 latency: <1.5ms

Business Capability	Layer 2 wire speed switching Support VLAN TAG/UNTAG, VLAN conversion Support Port-based speed limitation Support Priority classification Support storm control of broadcast Support link detection
Network Management	Support IEEE802.3 QAM, ONU can be remotely managed by OLT Support Remote management through SNMP and Telnet Local management
Management Function	Status monitor, Configuration management, Alarm management, Log management
LED Indicator	PWR: Power up or down OPTIN: Optical Link Status LINK : ONU Registered ETH: Link Status of Ethernet Interface LAN: Link Status of Ethernet Interface WIFI: WIFI status
Shell	Plastic casing
Power	External 12V 0.5A AC/DC power supply adapter Power consumption: < 4W
Physical Specifications	Item Dimension : 160mm(L) x 120mm(W) x 32.5mm (H) Item weight : 0.2kg
Environmental Specifications	Operating temperature: 0 to 50oC Storage temperature: -40 to 85oC Operating humidity: 10% to 90%(Non-condensing) Storage humidity: 5% to 95%(Non-condensing)

WIFI SPECIFICATION

Performance parameters	Operating Mode	Router or bridge
	Throughput	IEEE 802.11b: 11Mbps IEEE 802.11g: 54 Mbps IEEE 802.11n: 135Mbps
	Frequency	2.412 ~ 2.472 GHz
	Channel	13*Channel, configurable to meet the standard of USA, Canada, Japan and China
	Modulation	DSSS , CCK and OFDM
	Coding	BPSK, QPSK, 16QAM and 64QAM
	RF receive sensitivity	802.11b: -82dBm @ 1 Mbps; -80dBm @ 2 Mbps; -78dBm @ 5.5 Mbps; -76dBm @ 11 Mbps 802.11g: -82dBm @ 6 Mbps; -81dBm @ 9 Mbps; -79dBm @ 12 Mbps; -77dBm @ 18 Mbps; -74dBm @ 24 Mbps; -70dBm @ 36 Mbps; -66dBm @ 48 Mbps; -65dBm @ 54 Mbps
	RF output lever	802.11b: 16.5 ±1dBm 802.11g: 13 ± 1dBm @ 54 Mbps; 14 ± 1dBm @ 48 Mbps; 15 ± 1dBm @ 6 ~ 36 Mbps 802.11n: 13 ± 1dBm @ 54 Mbps; 14 ± 1dBm @ 48 Mbps; 15 ± 1dBm @ 6 ~ 36 Mbps
Encryption Mode	802.11i security: WEP-64/128, TKIP (WPA-PSK) and AES (WPA2-PSK)	