



1GE+1FE+CATV EPON ONU is designed for fulfilling FTTH and triple play service demand of fixed network operators or cable operators. It meets telecom operators FTTO (office), FTTD (Desk), FTTH (Home) broadband speed, SOHO broadband access, video surveillance and other requirements. It is based on the mature stable, cost-effective Gigabit EPON technology, and has high ratio of performance to price, the technology of Layer 2/3, integrated CATV and configuration flexibility. They are highly reliable and easy to maintain, with guaranteed QoS for different service, and fully compliant with technical regulations such as IEEE802.3ah and technical requirement of EPON Equipment from China Telecom.

Technical item	1GE+1FE+CATV
PON interface	1 EPON connector, SC single-mode/single-fiber, downlink/uplink 1.25Gbps.
Wavelength	Tx1310nm, Rx 1490nm, CATV 1550nm.
Optical interface	1 PON interface, 1 CATV interface, SC connector
LAN interface	1x 10/100/1000Mbps auto adaptive Ethernet interfaces and 1x 10/100M Full/Half. RJ45 connector.
RF interface	1 RF output interface.
Wireless	Compliant with IEEE802.11b/g/n, 300Mbps, 2T2R.
LED	7, For Status of POWER, LOS, REG, GE, FE, CATV and WiFi.
Operating condition	Temperature: -5°C~55°C
	Humidity: 10%~90% (non-condensing)
Storing condition	Temperature :-30°C~60°C
	Humidity :10%~90% (non-condensing)
Power supply	DC 12V/1A
Power consumption	≤8W
Dimension	158mm×115mm×33mm (L×W×H)
Net weight	0.4Kg

RF Video Output Bandwidth (MHz):45~875

RF Output Level(dBuv):80

RF AGC Dynamic Range(dBm):-6~ +2

Suggested ONU working range -8~ -25

CATV working range -15 ~+2