GPON OPTICAL NETWORK UNIT

Model: NCMO-5G4W10C0

Features

- NCMO-2G4W10C0 is designed as HGU (Home Gateway Unit) in different FTTH solutions. The carrier-class FTTH application provides data and video service access.
- It is based on mature and stable, cost-effective GPON technology.
- high reliability, easy management, configuration flexibility and good quality of service guarantees to meet the technical performance of GPON Standard of ITU-TG. 984.X
- Designed by chip Realtek 9603C





Unless otherwise noted, the above specifications reflect typical device performance at stated reference levels in the recommended operating configuration(s). Specifications are subject to change without notice.

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NCM Supplies Inc.
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Model: NCMO-5G4W10C0

Specifications

PON Interface	1 GPON port (EPON PX20+)		
	Receiving sensitivity: ≤-27dBm		
	Transmitting optical power: +1~+4dBm		
	Transmission distance: 20KM		
Wavelength	TX: 1310nm, RX: 1490nm		
Optical Interface	SC/APC Connector		
Main Chip	Realtek CPU 950Mhz, DDR2 128MB		
Flash	SPI NOR Flash 16MB		
LAN Interface	1 x 10/100/1000Mbps (GE) and 3 x 10/100Mbps (FE) auto adaptive Ethernet interfaces. Full/Half, RJ45 connector		
Wireless	Compliant with IEEE802.11b/g/n,		
	Operating frequency: 2.400-2.4835GHz		
	support MIMO, rate up to 300Mbps,		
	2T2R,2 external antenna 5dBi,		
	Support: Multiple SSID		
	Channel: Auto		
	Modulation type: DSSS, CCK and OFDM		
	Encoding scheme: BPSK, QPSK, 16QAM and 64QAM		
	Optical reflection loss: ≥45dB		
	Optical receiving wavelength: 1550±10nm		
	RF frequency range: 47~1000MHz, RF output impedance: 75Ω		
	RF output level: 78dBuV		
	AGC range: -13~+1dBm		
	MER: ≥32dB@-15dBm		
LED	11 LED, For Status of WIFI, WPS, PWR, LOS, PON, LAN1~LAN4, Worn, Normal (CATV)		
Push-Button	3, For Function of Reset, WLAN, WPS		
Operating Condition	Temperature: 0℃~+50℃		
	Humidity: 10%～90%（non-condensing）		
Storing Condition	Temperature: -30℃~+60℃		
	Humidity: 10%~90%（non-condensing）		
Power Supply	DC 12V/1A	Power Consumption: ≤6W	
Dimension	155mm×92mm×34mm（L×W×H）	Net Weight	0.24Kg

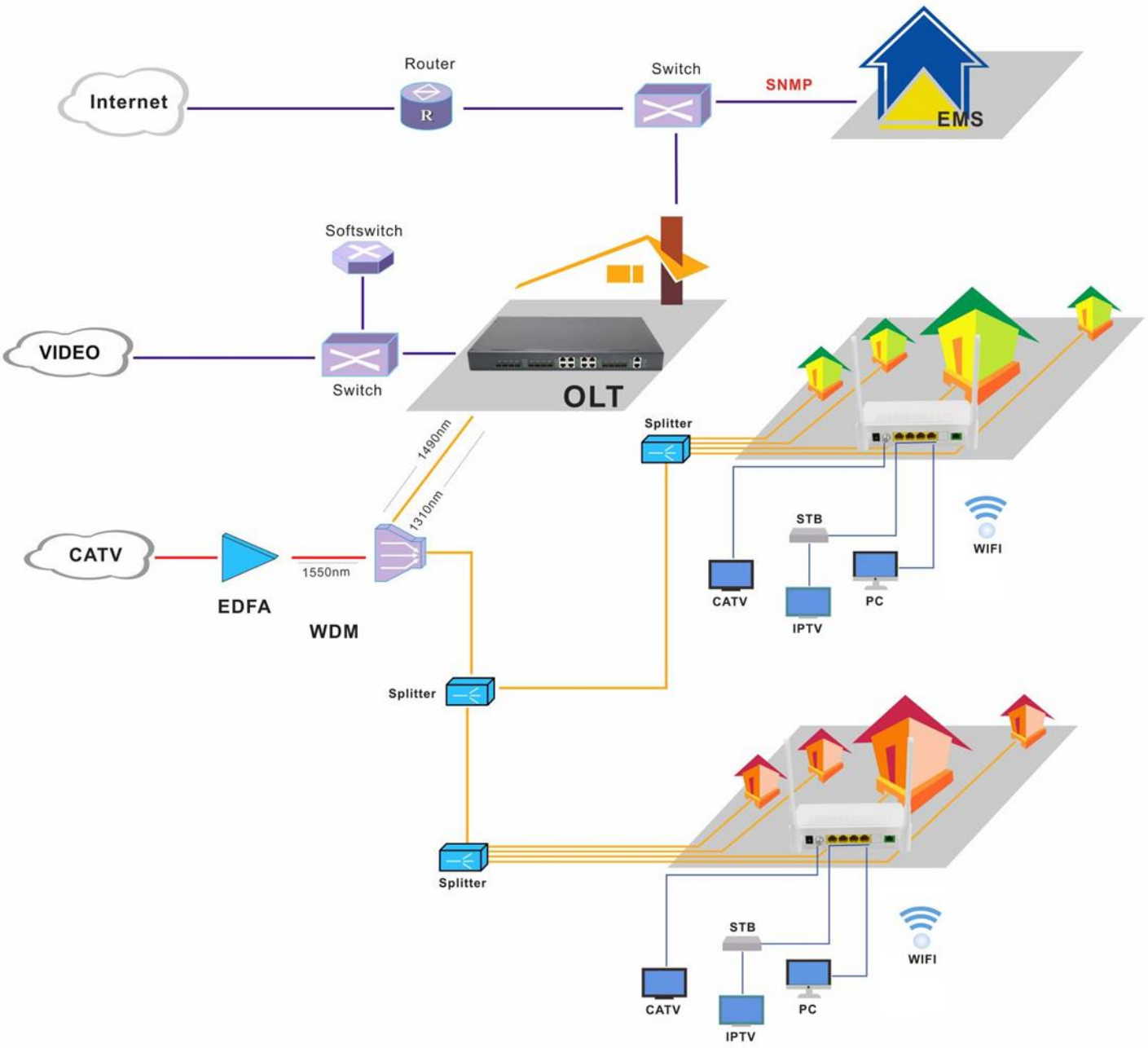
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Application Diagram



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