Model: NCMO-5G4W10CW

Features

- NCMO-5G4W10CW is designed as HGU (Home Gateway Unit) in different FTTH 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.
8125 NW 64th ST. Miami, Florida 33166
Phone: 305-640-0461 Fax: 305-639-2684
ncm@ncmsupplies.com | www.ncmsupplies.com

Model: NCMO-5G4W10CW

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	
CATV Interface	RF, WDM, optical power: +2~-15dBm	
	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	

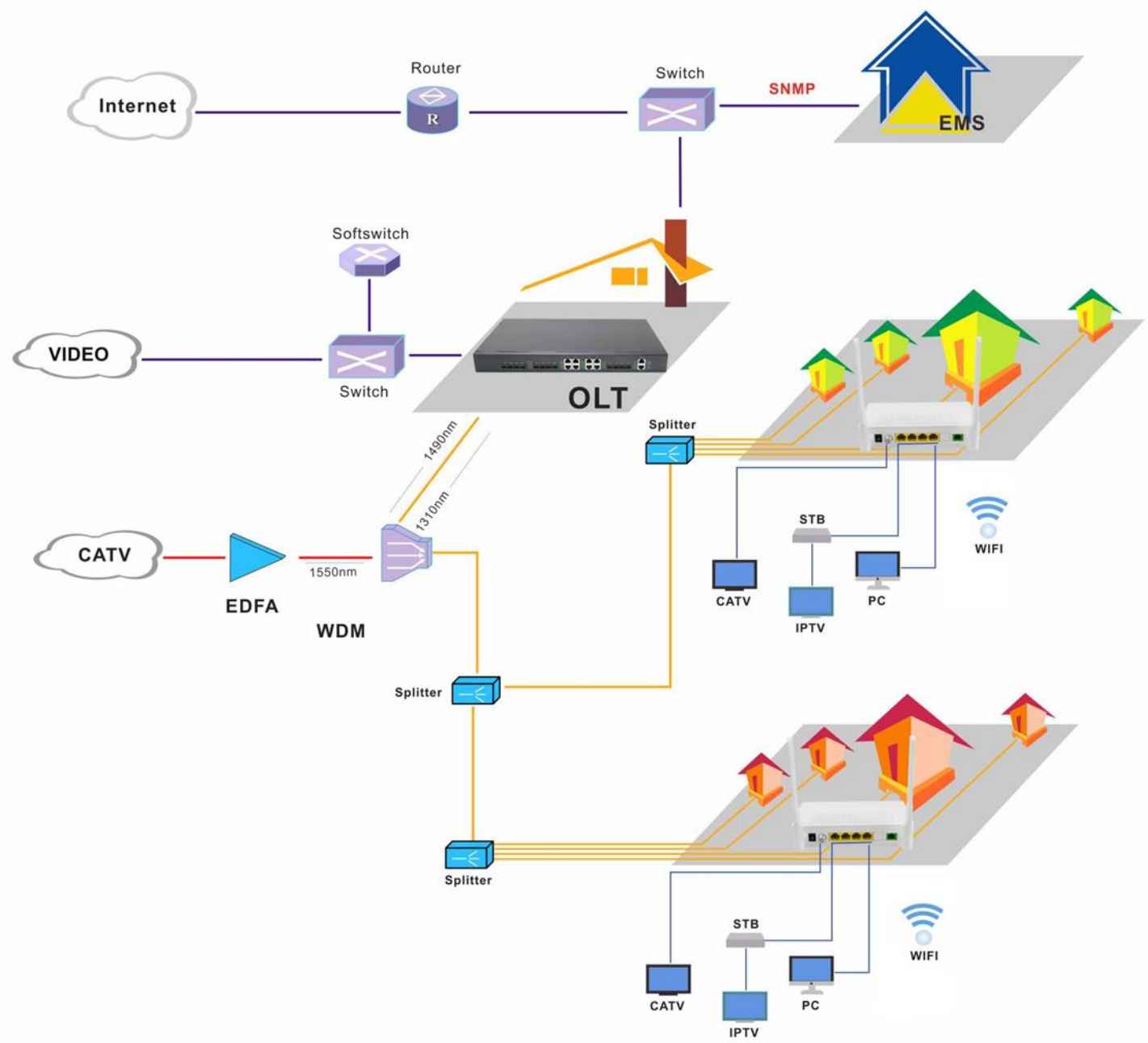
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Application Diagram



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