



OP-EOCM1000 INDOOR TYPE EOC MASTER



OPTOSTAR's OP-EOCM1000 The indoor type EOC master is usual placed in cabinet or corridor, basement or patio. OPTOSTAR Indoor type EOC master products adopt metal shell, built-in power supply, satisfy the corridor environment requirements, and has the anti lightning, antidust, good heat dissipation characteristics.

Features

- HomePlug AV or IEEE1901 standard
- AR7410 chipset
- Works on low frequency band, no influence on CATV Service
- High throughout, MACLayer throughput up to 320Mbps
- Support bi-direction data encryption
- Support broadcast storm limitation
- Support data packet statistics
- Support auto-update and auto-configuration
- Support WEB、CLI、SNMP based network management
- Support On-line upgrading

Parameter

Item	Parameters	Specification
Interface and LED Indicator	RF Port	Two EOC signals RF Output, Female F-TYPE Connector Two TV RF Input Port, Female F-TYPE Connector
	Ethernet Port	Two 10/100/1000M Auto-negotiation RJ45 ports
	Power supply Port	220VAC power supply
	LED Indicator	1 for Power Supply Status 1 for CABLE Link Status indicator 2 for Ethernet Ports Status
Performance Parameters	RF Parameters	Frequency Band :7.5-65MHz RF Output Level:110±5dBuV Receive sensitivity: 45dBuV Return Loss:>16dB Output Resistance:75Ω
	Transmission	PHY Layer:600Mbps Throughput on MAC Layer:320Mbps
	Modulation Mode	OFDM~ 2690~carriers 4096,1024,256,64,16,8~QAM, QPSK, BPSK, ROBO
	Working Mode	TDMA/CSMA
	Encryption Mode	AES-128
Standard	EOC Standard	IEEE P1901(Draft) HomePlug AV
	Ethernet Standard	IEEE 802.3, IEEE 802.3x, IEEE 802.3u IEEE802.1P, IEEE802.1Q
Software	Network Management	WEB, CLI, SNMP

	Software Features	VLAN, QOS, Bandwidth Control, Broadcast storm limitation
Physical Features	Power supply & Consumption	Power supply :220VAC Consumption :<8W
	Size & Net weight	Dimension: 220*150*37mm Weight: 1.5kg
	Environment Attribute	Working Temperature: 0~50℃ Storage Temperature: -40~85℃ Working humidity: 10%~90%non-condensing Storage humidity: 10%~90% non-condensing

Application

- ✧ CATV
- ✧ Internet Access
- ✧ VOD
- ✧ IPTV
- ✧ Camera monitor system

Network Construction

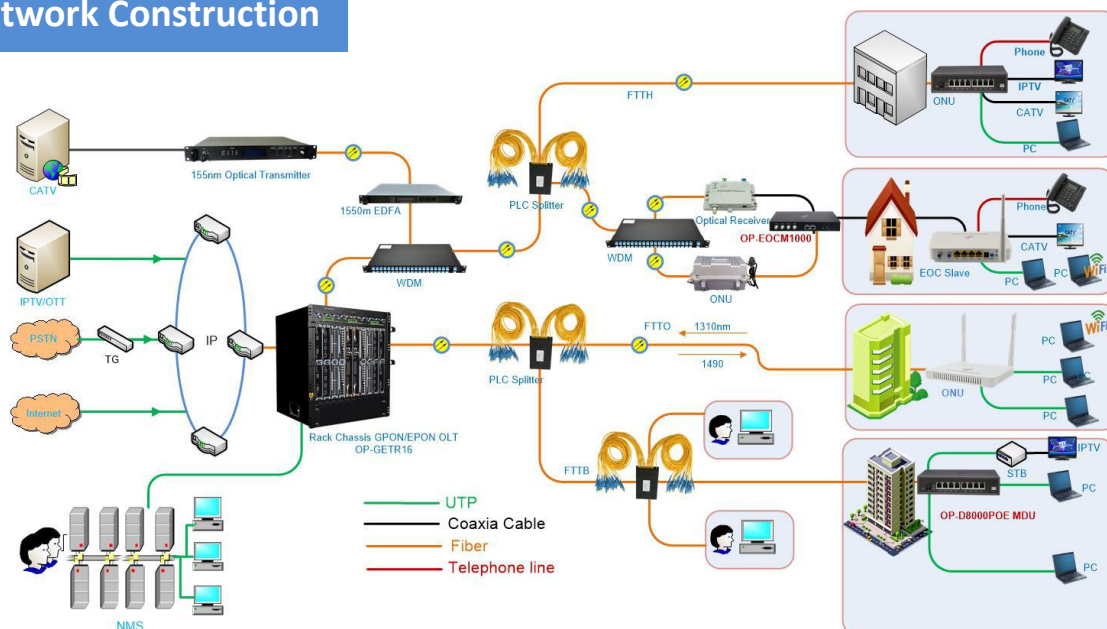


Figure: OP-EOCM1000 Application Diagram

Ordering Information

Product Name	Product Model	Descriptions
INDOOR TYPE EOC MASTER	OP-EOCM1000	2*EOC signals RF Outpu+2*TV RF Input Port+2*10/100/1000M Auto-negotiation RJ45 ports