

EoC Master M-7400I , Indoor



M-7400I are EoC (Ethernet over Coax) Masters with the access function of CATV(cable television) and internet broadband data. They can implement hybrid output of internet data signal and CATV signal through cable television distribution network to realize co-cable transmission of television programs, voice signal and internet content.

Features

- Correspond with IEEE Home Plug AV、IEEE 802.3 10/100/1000 Ethernet, IEEE 802.3ah standard ;
- Occupy the low frequency band under 7.5-65Mhz.Strong ability of ant-interference ,high bandwidth
- Built in CATV RF and EOC signal mixer
- In the model of multi-module, every EoC module connects each other with Giga switch network to ensure high bandwidth needs.
- Network Management Function :
 - After Logging in M-7400I Indoor Master series, the user can remotely its under-connected coaxial cable EoC terminal
 - Support management with SNMP/CLT/WEB/TELNET/SSH
 - Support remotely upgrading and local management with serial port
 - Support SNMPv3 protocol,SSH2 protocol
 - Support comprehensive network management developed
 - Support IEEE 802.1Q Tag-Based VLAN
 - Support QoS function
 - Support mutual-isolation the terminals with the same EoC master
 - Support terminals download/uplink speed limitation
 - Support IGMP
 - Support white list function
 - Support broadcast packets/unknown packets suppression
 - Support terminals MAC address quantity limitation
 - Support VLAN division and management
 - Support port mirror function
 - Support over length frame and abnormal frame detection
 - Support remotely upgrading function and log record function
- Built in high quality power module, steady and reliability
- Adopts 1U iron box of 11 inches. Easy to install. Can be placed on a workbench or wall-hanged. Hangers can also be deployed to enable the installation of 19 inches standard rack.
- Provide two 1G Ethernet ports, one console port
- Adopt Qualcomm Atheros Ar7410 chipsets ;
- support 7.5-65MHz data transmission,87-862MHz video transmission
- Support up to 1/2 input& 1/2 output configuration

Specification

ITEM	M-7400I
EoC Module and RF interface	One Qualcomm 7410 EoC mater module, 1 RF input and 1 RF output
Power	15W
Homeplug RF	Occupied Bandwith:7.5 ~ 67.5MHz;Output Power:≥110dBuV
CATV RF	Occupied Bandwith:87-1000MHz;Input Return Loss:>16dB;Insert Loss:≤1dB
Connection Type	F breakthrough Connector(inch/metric optional)
RF Impedance	75Ω
Standards Compliance	IEEE HomePlug AV,IEEE802.3,IEEE802.3x,IEEE802.3uAutoMDI(X)
Remote Management	Support remote WER management, TELENT, SNMP; Support centralized management on all connected EoC terminals
Protocol	TDMA/CSMA
Transmission Speed	350Mbps
Coding Mode	Asynchronous
Modulation Mode	OFDM
Transmission Distance	Not more than 1000 meter
Encryption Mode	128-bitAES
Power	220VAC
Size(LxWxH)	280×176×44mm
Weight	<3kg
Operation Temperature	-25 ~ 55°C
Storage Temperature	-40 ~ 70°C
Operation Humidity	10% ~ 90% non-condensing
Storage Humidity	10% ~ 95% non-condensing