

Outdoor EoC master

Introduction

Fiber Optic Telecom's EoC master is coaxial cable terminal, which adopt HomePlug AV solution. It works with EOC slave in Ethernet over coax network and provides layer-2 Ethernet Access to users through television coaxial cable and meanwhile without influence on the existing CATV signal transmission.



EoC-M7210

Feature

- INT7410 chipset, HomePlug AV, OFDM Module technology, highly interference resistance
- 7.5-65MHz low frequency, 500Mbps Physical layer bandwidth. max MAC layer bandwidth is 300Mbps , without influence on existing CATV service
- Support encryption of uplink and downlink data
- Support slave isolation
- Support VLAN and QOS configuration
- Dynamic bandwidth allocation
- Support broadcast storm limitation
- Support database statistic
- Auto transmission of slave configuration from uplink EOC master
- Support in-band and out-band network management
- Support WEB,CLI and SNMP management

- Support on-line upgrading
- Outdoor waterproof.

Specification

Item	Description
Model	EoC-M7210
Standard	IEEE1901(Draft) , HomePlug AV
RF Interface	2 F-type cable connectors (Metric or Imperial), TV signal input and Mixed signal output interfaces
Ethernet Interface	One 10/100/1000M auto-adaptive RJ45 port
RF attribution	Frequency Band: 7.5-65MHz Transmitting Power:120dBu Receiving Sensitivity:-65dBm Reflection Loss:>16dB Output Resistance:75Ω
QoS	IEEE 802.3, IEEE 802.3x, IEEE 802.3u Auto MDI(X)
Remote management	supports remote WEB management, CLI, SNMP
Performance	Physical layer rate:500Mbps; MAC layer throughput:300Mbps
Working Mode	TDMA/CSMA
Modulation mode	OFDM-2690-carriers 4096/1024/256/64/16/8-QAM QPSK, BPSK, ROBO
NMS Function	VLAN, QOS, bandwidth limitation, broadcast limitation
Encryption mode	128-bit AES encrypted
Power Supply	IN:220V/AC, OUT:12V/DC
Power consumption	<8 W
Size (mm)	207(length) * 202(width) * 103(height)
Weight	2.1kg
Operation Temp.	-0~50 °C
Stock Temp.	-10~70 °C
Operation Hum.	20%~85% non- condensation
Stock Hum.	10%~90% non- condensation