

Indoor 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-M721i

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

- Small volume and low weight, easy to locate in corridor or outdoor waterproof box.

Specification

| Item | Description |
|--------------------|--|
| Model | EoC-M721i |
| 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 | 12VDC 1.0A |
| Power consumption | <8 W |
| Size (mm) | 202 (length) * 123 (width) * 38(height) |
| Weight | 0.7kg |
| Operation Temp. | -0~50 °C |
| Stock Temp. | -10~70 °C |
| Operation Hum. | 20%~85% non- condensation |
| Stock Hum. | 10%~90% non- condensation |