

Indoor Type EOC Master-CD7201



Product Overview

The EOC master is usual placed in cabinet or corridor, basement or patio. C-Data Indoor type EOC master products adopt metal shell, built-in power supply, satisfy the corridor environment requirements, and has the anti lightning, anti dust, good heat dissipation characteristics.

Features

- HomePlug AV or IEEE1901 standard
- AR7410 (CD7201) chipset
- Works on low frequency band, no influence on CATV Service
- High throughput, MAC Layer throughput up to 300Mbps
- 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

Specification

Item	Parameters	CD7201
	Chipset	AR7410
Interface and LED Indicator	RF Port	One EOC signals RF Output, Female F-TYPE or SMB Connector
	Ethernet Port	Two10/100/1000M Auto-negotiation RJ45 ports, configurable to Two-Lan or Lan+WAN based on customer requirement
	Power supply Port	12V DC input With 12V 1A AC/DC adapter AC input
	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	12VDC/1A Consumption: <8W
	Size & Net weight	Dimension: 202×123×38mm Weight: 1kg
	Environment Attribute	Working Temperature: -10~65℃ Storage Temperature: -40~85℃ Working humidity: 10%~90%non-condensing Storage humidity: 10%~90% non-condensing