

EoC-200M SPEC





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Product Introduction

This Cablelan master device is a outdoor head end product which can provide the transmission of broadband data service via coax, which is suitable for use in a wide range of both residential (in-home) and commercial (offices, apartments, hotels, warehouses) network applications in which the coax can be utilized. There is never any need to install new wires. These outdoor device enable the effortless creation of a high-speed network that supports video, voice and data.

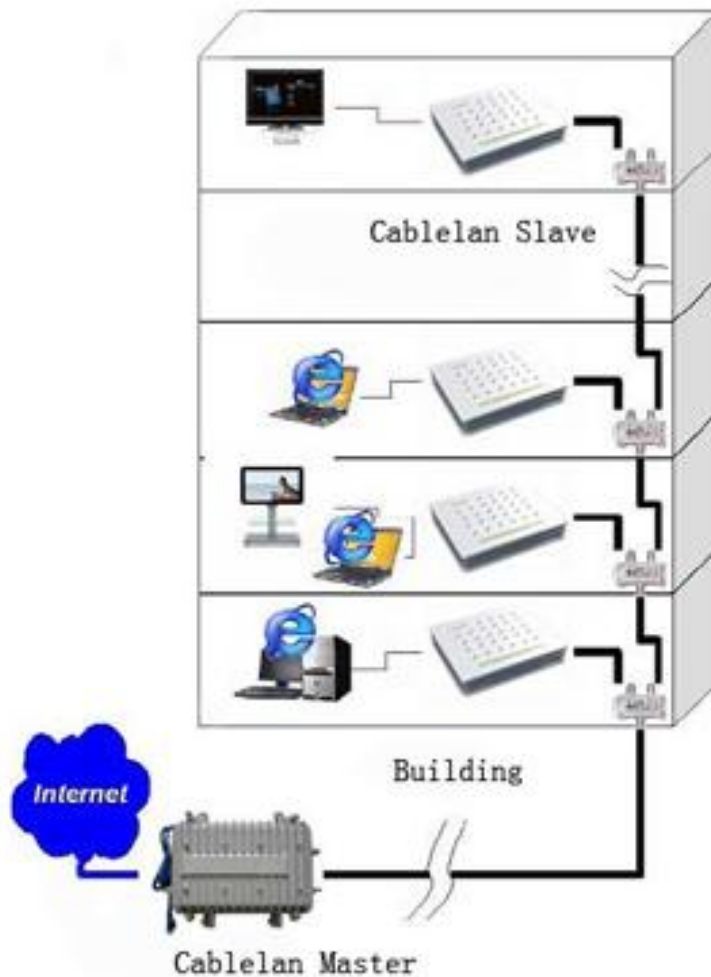
- Support 60VAC power supply from Coax
- Support QAM 256 / 64 / 16 / 8, QPSK, BPSK modulation schemes
- Up to 224 Mbps PHY rate
- 128-bit AES Link Encryption
- Full flexibility of the seven sub-bands which consist of 896 sub-tones
- Support SNMP V1/V2c agent and standard MIB
- Support VLAN(802.1Q), QoS(802.1p)
- Support transparent bridging and spanning tree(802.1d)
- Support TDD/FDD, TDMA and CSMA/CA mode
- Master mode, Support 802.1x authentication to identify the slave device
- Supports IGMP managed multicast sessions
- Build-in low pass filter to splitter the DATA signal and TV signal
- 2 F-type, one connects to the CPDN(customer primary distributor network) cable and another connects to CATV
- Outdoor product with excellent Waterproof and heatsink performance





Application

- High Definition (HD) and Standard Definition (SD) video distribution
- Higher data rate broadband sharing for power line LAN
- Shared broadband internet access
- TV over IP (IPTV) and Voice over Internet Protocol (VoIP)





Parameter and Specification

Parameter	Specification
System SPEC	
Chipset	Spidcom Spc200-e
SDRAM:	32MB
Serial Flash	4MB
Feature and Technology SPEC	
Protocol	IEEE 802.3 10/100 Ethernet (100Mbps) IEEE 802.3u Fast Ethernet
System Support	Windows 98SE, 2000, ME, XP 32/64 bit and Vista 32/64bit
PHY Rate	224Mbps
Modulation Band	2-30MHz
Modulation Schemes	Supports 256/64/16/8-QAM, QPSK, BPSK
Encryption	128 bits AES
QoS	Support VLAN Priority Support ToS and CoS Packet Classifier
Work Mode	TDD/FDD, TDMA and CSMA/CA
Sum of Member	Up to 64 Cablelans
Multicast Support	Supports IGMP managed multicast sessions
IPv6	Support
SNMPv2 or v3	Support
Splitter module	Splitter low frequency data signal from high frequency TV signal
Ethernet Interface	1 x RJ45 for 10/100 Ethernet (Auto MDI/MDI-X)
Coax Interface	2*F-Type Cable: connects to the CPDN cable CATV: connects to CATV cable line
Consumption	6.5W (Typical)



Parameter and Specification

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Environment Requirement	
Operating Temperature	0 °to 45 °C
Storage Temperature	-20 °to 70 °C
Operating Humidity	10% to 90% Non-condensing
Storage Humidity	5% to 90% Non-Condensing
Power Supply	60VAC/220VAC
EMC and Safety	
Regulatory Compliance	FCC Part 15 Class B CE
Safety Regulations	UL
Green Standard	RoHS
Physical Dimension	
Physical Characteristics	L×W×H: 240mm*195mm*105mm
Weight	2100g