



# **EoC-200S1 SPEC**





# EoC-200S1 SPEC

## Product Introduction

This 224M Cablelan can provide the transmission of broadband data service via coax, which are suitable for use in a wide range of both residential (in-home) and commercial (offices, apartments, hotels, warehouses) network applications in which existing coax can be utilized. There is never any need to install new wires. This 224M Cablelan enable the effortless creation of a high-speed network that supports video, voice and data.

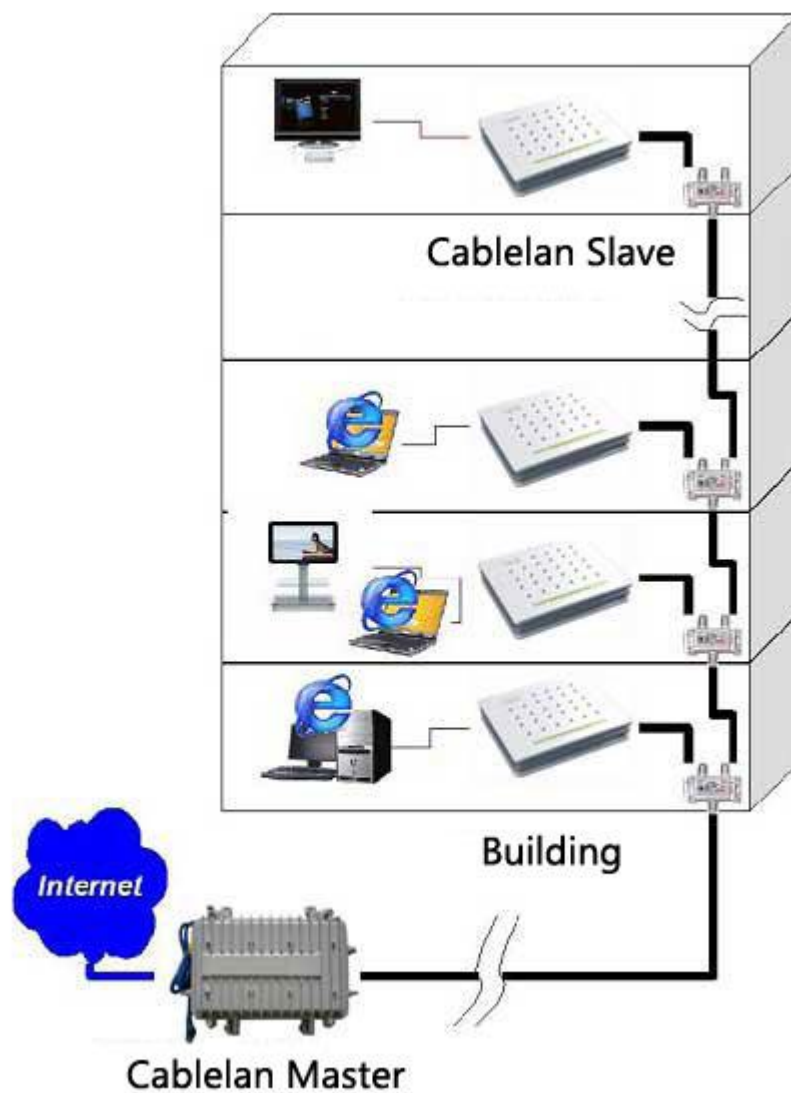
- | Support QAM 256 / 64 / 16 / 8, QPSK, BPSK modulation schemes
- | Up to 224 Mbps PHY rate
- | 56-bit AES Link Encryption with key management for secure power line communications
- | Full flexibility of the seven sub-bands which consist of 896 sub-tones
- | Support SNMP V1/V2c agent and standard MIB
- | Support VLAN(802.1Q), QoS(802.1p)
- | Support transparent bridging and spanning tree(802.1d)
- | Support TDD/FDD, TDMA
- | Support 802.1x authentication to identify the master device
- | Supports IGMP managed multicast sessions
- | Cablelan slave mode
- | 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 TV set directly





## Application

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





## Parameter and Specification

Parameter	Specification
<b>System SPEC</b>	
Chipset	Spidcom Spc200-e
SDRAM:	32Mbits
Serial Flash	4Mbits
<b>Feature and Technology SPEC</b>	
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
PLC Rate	224Mb
Modulation Band	2-30MHz
Modulation Schemes	Supports 256/64/16/8-QAM, QPSK,BPSK
Encryption	56 DES
QoS	Support VLAN Priority Support ToS and CoS Packet Classifier
Work Mode	TDD/FDD, TDMA
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
LED's	Power: Power Activity Ethernet: Ethernet Port Activity System: System Activity Link: Link Activity
Ethernet Interface	1 x RJ45 for 10/100 Ethernet (Auto MDI/MDI-X)
Coax Interface	2*F-Type Cable: connects to the CPDN cable TV: connects to TV set
Consumption	4.5W



## Parameter and Specification

Parameter	Specification
<b>Environment Requirement</b>	
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	12VDC
<b>EMC and Safety</b>	
Regulatory Compliance	FCC Part 15 Class B CE
Safety Regulations	UL
Green Standard	RoHS
<b>Physical Dimension</b>	
Physical Characteristics	L×W×H: 137.6*111.6*31.8mm
Weight	156g