GD EOC MASTER

CA5200 INDOOR SERIES

Operation Manual

Chengdu Guangda New Network Technology Co., Ltd

Preface

Dear users, first of all, thank you for choosing Chengdu Guangda GD.LINK coaxial broadband products. The product we provide for you is used to realize coaxial cable carrying Ethernet data signal function. After the broadcasting and television network operators implement FTTB, they complete the data and television signal transmission on coaxial cables, which can be widely used in broadband Internet access, IP TV, IP voice and other services.

In order to better use this product, please install the equipment according to the requirements in this manual. If there is something unknown, please call our customer service telephone, we will provide you with remote technical support services.

After opening the box, check whether the materials are complete as shown below.

- 1 hosts
- 1 power adapter (DC12V)
- Cold pressing F head 4 (2 single mouth)
- 1 user manuals
- 4 foot pads
- 1 lines

If anything is missing, please contact the supplier.

Product introduction

Chengdu Guangda EOC (coaxial ether) uses HomePlug AV technology, with high speed, high acceptance sensitivity, high stability and other characteristics. It is suitable for places with long transmission distance, high speed and high stability. It not only has the advantages of single EOC, but also can flexibly cope with various application environments in corridors. In order to achieve the original television network equipment and wiring basically unchanged, the one-way broadcast of the general television network (CATV network) into a two-way network capable of transmitting Ethernet data. The main features of the product are as follows:

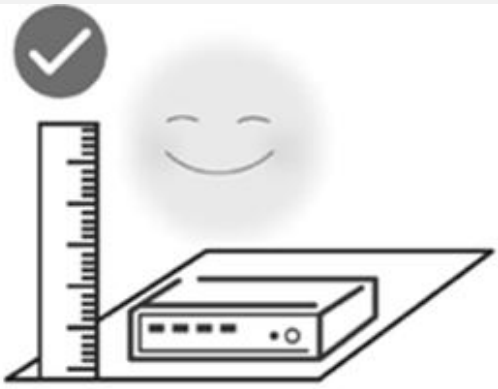
- Two coaxial input ports, two coaxial output ports, two 10M/100M/1000M Ethernet ports, one serial port
- Frequency range 2-67.5MHz
- Support lightning protection design for 10/700us 4KV
- Remote network management capability
- The priority management based on VLAN and QoS
- Limit up and down bandwidth
- The insertion loss is less than 1dB
- Low power consumption "green energy saving" standby mode, full power consumption less than 5W
- Support dual channel TV signal access
- Working environment temperature -20 ~ 60 C
- Power supply mode: DC12V
- 24 hours rigorous aging test

Installation notes

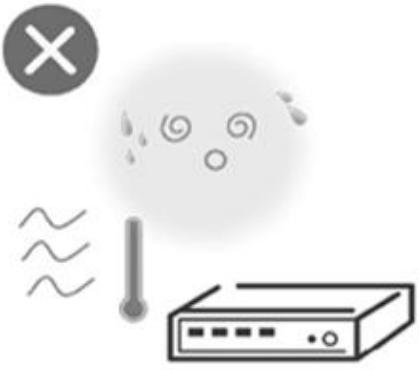
Coaxial broadband local end products are generally placed in the corridor of the weak electric box, the working environment is relatively bad, user installation and use of the environment on the reliability of equipment has a great impact. In order to ensure the long-term stability of the equipment, users should try to meet the following environmental requirements when installing the equipment.

1. keep away from heat sources and keep ventilation.
2. place the equipment on a flat surface.
3. place the equipment in a low dust and dry environment.

Use equipment rated power adapter



Place the device on a flat surface



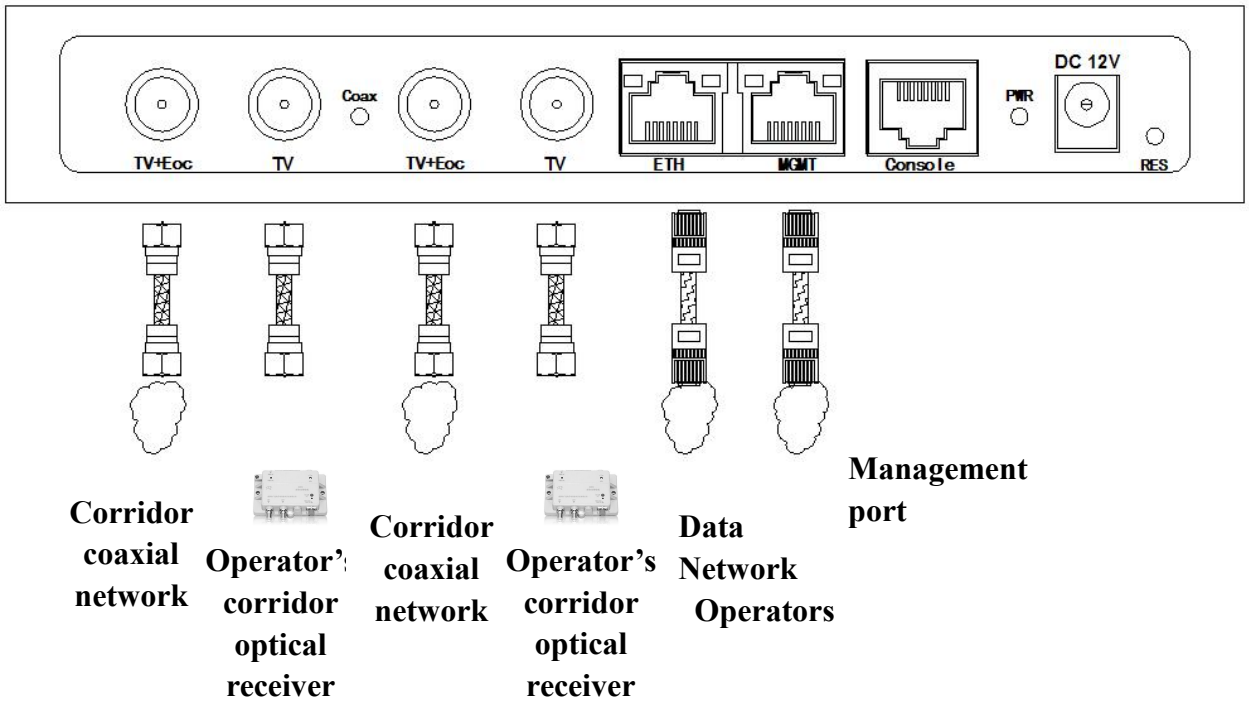
Keep away from heat, keep ventilated

Keep away from dust, keep dry

To ensure the normal operation of the equipment, please use it as required.

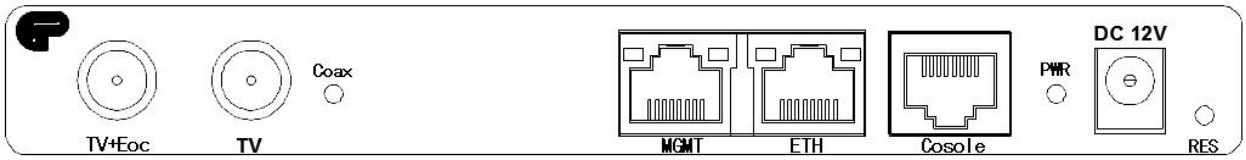
Start installation

1 Schematic diagram of device connection

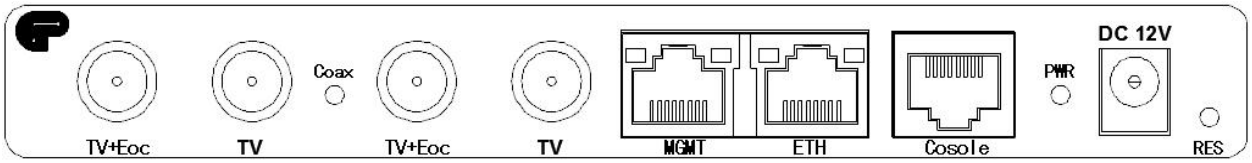


The above figure is a typical application diagram of this product. Please proceed with the construction according to the above picture. After the TV signal from the optical receiver enters the local equipment, it is mixed with the modulated data signal and transmitted to the corridor coaxial cable network. Data signals are used to connect the operator's data network. The serial port is used when configuring the product. The configuration method is shown in the software configuration manual of this product. The power supply is powered by the AC220V-DC12 adapter. (single channel only 1 channels - TV signal and mixed signal).

2 Panel wiring instructions



Single channel front panel

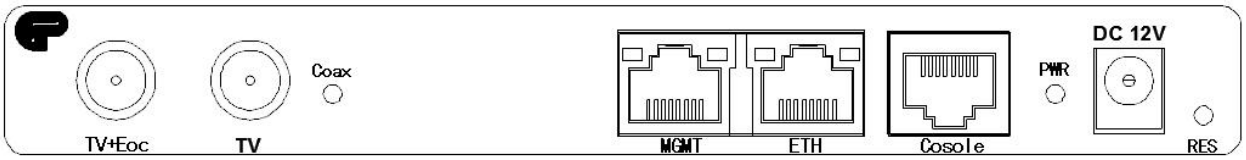


Dual channel front panel

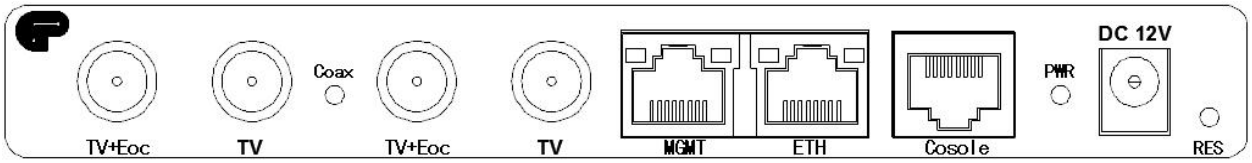
Real panel

Port	Interface type	function
TV Signal *2	Imperial RG6	The TV signal input port is used to connect the Lou Daoguang receiver.
Mixed signal*2	Imperial RG6	Signal output port, output of television and data mixed signal, used to connect to the user's coaxial cable network.
Data Signal	RJ45	10M/100M/1000M Fast Ethernet interface. For upper link to operator data network.
Management	RJ45	Out of band management port
Serial port	RJ45	Debug port, device command line interface. The baud rate of interface is 115200.
	DC	DC12V power input port.
	--	Earthing screw
RESET	--	RESET BUTTON

3 Indicator



Single channel



Dual channel

Indicator		Description	function
Power supply		Power supply indicator	Extinguish: not on power. Lighting: power up
Data signal	yellow	Ethernet port data receiving and sending instructions	Flicker: data transceiver
	Green	Ethernet port connection status indicator	Extinguish: port is not built. Lighten: port has been built chain
Coxial		Coaxial status indicator lamp	Extinction: no user terminal is connected to this device. Lighting: there is a user terminal connected to this device. Flicker: data transceiver

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