User manual

Model: CastNow v1

Brand: CastNow

1. Product introduction

Network hd set-top box is a specific customized research and development of a network is applicable to the hotel customers to use hd set-top boxes, it also has a wireless router and play the specified content providers streaming media function, set-top box built-in decoding module and wireless routing module, decoding module in the United States of production and installation, the remaining part in SKD way by mainland exports to the United States.

2. Product Appearance

1, 12V DC input

2, WAN input

3, LAN input

1, Reset button
2, LED

1, HDMI port
2, Dual-band antenna

3.The connection step

1) ensure that use the environment has wireless WiFi or Lan port is available for free use

2) will the set-top box (CastNow v1) with HDMI cable to connect to the TV set, and adjust the TV's HDMI input for the set-top box output

3) insert the attached 12 v / 1.5 A output power converter, the set-top box automatically boot, note that the set-top box without power switch

4) Wait for about 1 minute, machine start to finish, construction personnel at this time can use a notebook connected to the LAN or wireless WiFi this set-top box, the default WiFi ssid is _5g and CastNow CastNow - 1000-1000

5)after configuration is complete, please click on the reset button and restart the set-top box

6) at this point, the set-top box is configured

7) test: please use mobile phone connection in your room set-top box WiFi ssid, then login netflix test accounts, to remote control decoding module, broadcast video, see if decoding is fluent, quality are satisfied.

8) Reset button to use: hold for 5 seconds, the set-top box restart, hold down the 9 seconds, set-top boxes to restore factory Settings

9) Uboot used: pull the set-top box, hold down the reset button, to plug in the power supply and keep holding down the reset button for about 3 seconds, then release the reset button, use the Lan port connect set-top boxes, computer IP manually specify connection as 192.168.1.10, enter 192.168.1.1 in the browser, can enter the machine at this time restore mode of simple web page, the page maintenance staff to repair or upgrade the firmware or Uboot.

4.The Hardware specifications

No.	parts	specifications
1	2.4G MCU	MT7628
2	5G MCU	MT7610
3	ROM	8MByte nor FLASH
4	RAM	DDR2 64MByte
5	Data Rate	150Mbps@2.4G，1T1R，Support IEEE 802.11N
		433Mbps@5G，1T1R，Support IEEE 802.11AC
6	The wireless channel	2.4G:1,2,3,4,5,6,7,8,9,10,11
		5G:36,40,44,48,149,153,157,161,165,
		DFS:none
7	RJ45	Wan*1,100Mbps
		Lan*1,100Mbps
8	LAN2USB	AX88772
		100Mbps
9	Antenna	2.4 Gand 5G is dual-band antenna，gain:3dBi
10	DC Jack	Apply for 5.5*2.5*9mm The DC power supply plug
11	Power input	12V/1.5A
12	LED	cast： Decoding module began to work Lan： Lan port access Wan： Wan port access WiFi： Radio broadcast began, the user can wireless Internet access
13	Power	External adapter: 12V/1.5A
14	Work environment	Working environment temperature ：-20~60℃ Working humidity ：10%~90%RH Storage temperature：-40~70℃ Store humidity ：5%~90%RH Machine power consumption ：10W
15	Protocol standard	IEEE 802.11a/b/g/n/ac

FCC Caution.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Operation in 5.15-5.25 GHz band is restricted for indoor use only.