CIAC5200U

Wireless Access Controller

- 880MHz dual-core CPU, high performance
- Support IEEE802.3, IEEE802.3u, IEEE802.3ab protocol standards
- Support Auto MDI/MDIX
- PoE complies with IEEE 802.3af and IEEE 802.3at standards
- The iron shell design facilitates heat dissipation and effectively shields electromagnetic interference
- Support desktop, wall-mounted and DIN rail(optional accessories) installation

Product Description

CIAC5200U is our new introduced wireless access controller model integrating the controller and PoE output functions. It can manage and power the wireless APs and greatly reduce the difficulty of deploying a small wireless network. The WAN and LAN ports of the product are gigabit ports, compared with traditional 100M ports, the wired transmission rate is ten times higher, it is suitable for optical fiber internet access above 100M. With the built-in standard PoE module, the product can provide power to the AP and transmit data at the same time through a single network cable, and cooperate with 4 APs that support PoE to establish a complete and simple small-scale wireless network. The miniaturized form factor design makes it can be easily placed into the weak current box.

CIAC5200U's design aims to allow home and small business users to experience professional commercial-grade wireless access. The software and hardware design takes into account the professionalism of commercial WiFi networking and the convenience required for small application scenarios. Through simplifying the installation and setup procedures it can conveniently serve home and small enterprise application scenarios.

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Product Features

- MTKT7621AT MIPS1004Kc (880 MHz) dual-core CPU, adopting high-performance processor can provide more stable network and faster transmission rate
- Supported standard: IEEE802.3, IEEE802.3u, IEEE802.3ab
- Equipped with 1*10/100/1000M WAN, 4*10/100/1000M LAN (PoE output), auto MDI/MDIX
- PoE output standard: IEEE 802.3af, IEEE 802.3at, 48V out, max 57W power supply, 30W for single PoE ports
- Metal shell can provide heat dissipation and effectively shields electromagnetic interference
- Rich hardware interface: 1xUSB2.0, 1xUSB3.0, 1xconsole, 1xreload button
- Manages up to 200 wireless access points, and 100 users as gateway
- Support router mode and AP mode
- Support DHCP, PPPoE, static IP in router mode
- Support WAN/LAN switching, and multi-WAN settings
- Supports multiple services: HTTP, NAT, QOS, etc.
- Can be centrally managed through the cloud
- Can monitor each access point and connection status of network devices
- Support reset to factory settings via reload button
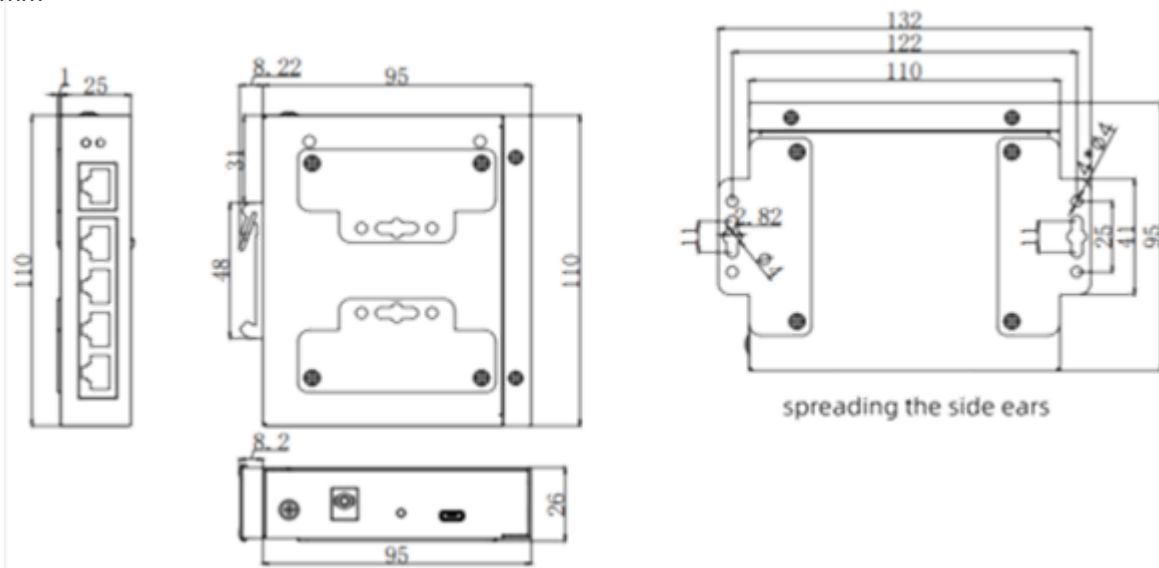- Support OpenWrt system customization

Technical Specifications

Model	
Processor	MTK MT7621AT
DDR	DDR3 2Gbit
FLASH	Nor Flash 64Mbit
POE	RTL8234B
EEPROM	BL24C64A
Power	
Power	Power adapter Input: 100 – 240 V AC, 50/60 Hz Output: 53.5VDC/1.22A
Power consumption	≤5W
Hardware	
WAN	1xRJ45, 10/100/1000M, auto MDI/MDIX
LAN	4xRJ45, 10/100/1000M, auto MDI/MDIX 48V PoE out, IEEE 802.3af, IEEE 802.3at standard
Console port	1xMicro USB
USB	/
Reload	Reset to factory settings
Indicators	Power, work, Ethernet port indicator
EMC	IEC 61000-4-2, level2, ESD IEC 61000-4-4, level2, EFT IEC 61000-4-5, level2, surge
Software	
Work Mode	Router mode, AP mode

Management	HTTP Web based GUI
	Local or online Firmware upgrade
	Configuration Backup / Restore
	Centrally managed through cloud
AP Management	Manage up to 200 access points
	Manage up to100 end users
	Centrally and remotely to manage/configure wireless AP
	View user's status
Others	IP binding
	Port mapping
	WAN/LAN switching, and multi-WAN settings
	Multiple services: HTTP, NAT, QOS, etc
	OpenWrt system customization

Physical

Dimension	110*95*25mm
Installation	Desktop, wall mounting, DIN rail
Operating Temperature	0℃~ 45℃
Storage Temperature	-40℃ ~ 75℃
Operating Humidity	5 ~ 95 %(non-condensing)

Dimensions

Unit: mm

spreading the side ears

Ordering Information

Standard Model	10/100/1000M WAN Port	10/100/1000M LAN Port	USB Port
CIAC5200U	1	4	2

Contact Us

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