

CIAC51000U

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

As the controller that integrates centralized configuration, management and status monitoring for local small to medium-sized networks, CIAC51000U supports not only wireless AP management, wireless access control, wireless authentication management, and wireless security management, but also centralized network control functions such as intelligent deployment of the entire network, centralized management of the entire network, automatic device discovery, and network operation and maintenance. 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.

The product 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 Wi-Fi 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.

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 1x10/100/1000M WAN, 4x10/100/1000M 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
- Support multiple installations: Desktop, DIN rail mounting, wall mounting, 1U Rack Mount: Standard 19-inch cabinet type(only for CIAC51000U)
- Rich hardware interface: 1*USB2.0, 1*USB3.0, 1*console, 1*reload 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
- Support multiple services: HTTP, NAT, QOS, etc.
- Support the monitoring of each access point and connection status of network devices
- Support reset to factory settings via reload button
- Support OpenWrt system customization

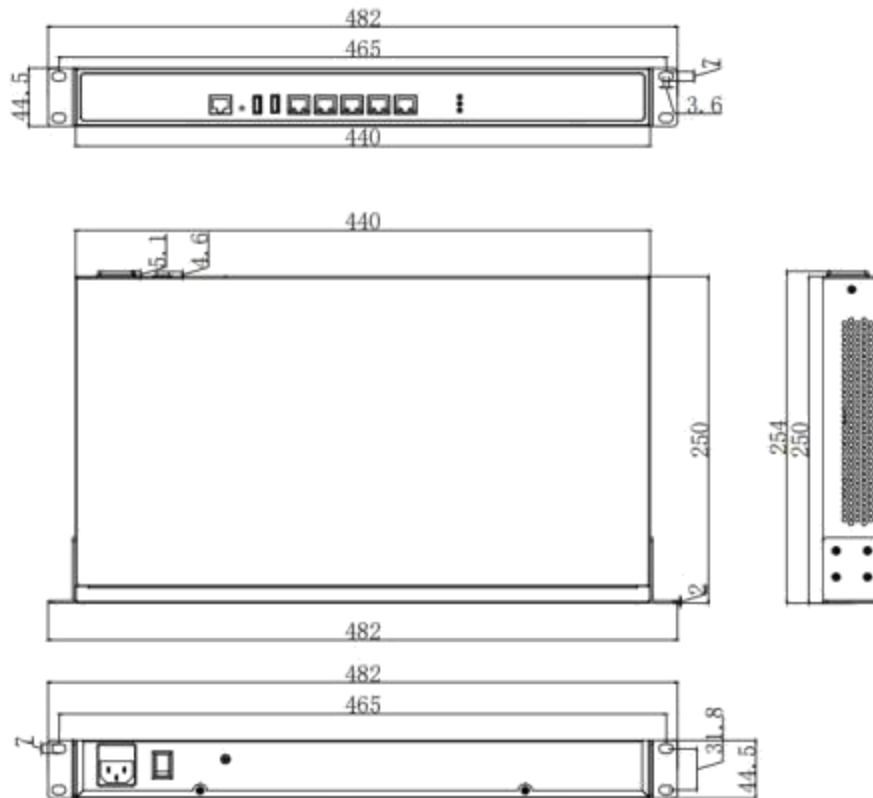
Technical Specifications

Model	
Processor	MTK MT7621AT
DDR	DDR3 2Gbit
FLASH	Nor Flash 64Mbit
POE	None
EEPROM	BL24C64A
Power	
Power	100~240V 50/60Hz AC
Power consumption	≤12W
Hardware	
WAN	1xRJ45, 10/100/1000M, auto MDI/MDIX
LAN	4xRJ45, 10/100/1000M, auto MDI/MDIX
Console port	1xRJ45
USB	1xUSB2.0+1xUSB3.0
Reload	Reset to factory settings
Indicators	Power, work, USB, 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 to 100 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	440*250*44.5mm
Installation	Desktop/1U Rack Mount
Operating Temperature	0°C ~ 45°C
Storage Temperature	-40°C ~ 75°C
Operating Humidity	5 ~ 95 % (non-condensing)

Dimensions

Unit: mm



Ordering Information

Standard Model	10/100/1000M WAN Port	10/100/1000M LAN Port	USB Port
CIAC51000U	1	4	2



Contact Us

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