3onedata
Reliable Connections



IAC8500-1GC4GT

1U Rack Mounting

5-port Full Gigabit Industrial Wireless Controller

- Support 1 Gigabit Combo WAN port(SFP slot or RJ45) and 4 Gigabit RJ45 LAN ports
- Provide 2 USB interfaces and support log download and firmware upgrade via USB flash disk
- Support centralized management of AP devices, including group management, location management, device list and device batch upgrading, etc.
- Support AC dual power supply redundancy, input voltage: 110~240VAC
- Support -40~75℃ wide operating temperature range

Industrial Grade RPS

Introduction

IAC8500-1GC4GT is 5-port full Gigabit industrial wireless controller, which could be used for wireless AP device management, including IAP2300 series and IAP2600 series, etc. This product provides Gigabit RJ45 LAN ports and Gigabit Combo WAN ports (SFP slots or RJ45) and other kinds of interfaces, and adopts 1U rack mounting which can meet the requirements of different scenes.

Network management system supports various network protocols and industrial standards, and visual monitoring of device system information, which can make AP state, system state, port state and network state more intuitive. WAN network supports PPPoE dialing, static/dynamic network setting and can be connected to all kinds of operator networks. It provides DHCP server, which can distribute network address for LAN network device automatically. It supports centralized management of wireless AP device, including batch configuration management, batch upgrading and location management etc. It supports all kinds of safety protection, such as IP filtering, MAC filtering, port forwarding, port redirection and DMZ etc. It also supports WEB access mode, and log download and firmware upgrade via USB flash disk It can provide users with good experience with friendly design of network management system interface, simple and convenient operation.

The input power supply is two independent power supply circuits which can ensure the normal operation of the device when one power supply fails. RESET button can instantly restore factory defaults. When power supply has link failure, ALM indicator will be bright and send out alarm, meanwhile, alarm device connected to the relay will send out alarm for rapid scene troubleshooting. Hardware adopts fanless, low power consumption, wide temperature and voltage design and has passed rigorous industrial standard tests, which can suit for the industrial scene environment with harsh requirements for EMC. It can be widely used in WLAN access, wireless hotspot coverage and other industrial wireless fields.

Features and Benefits

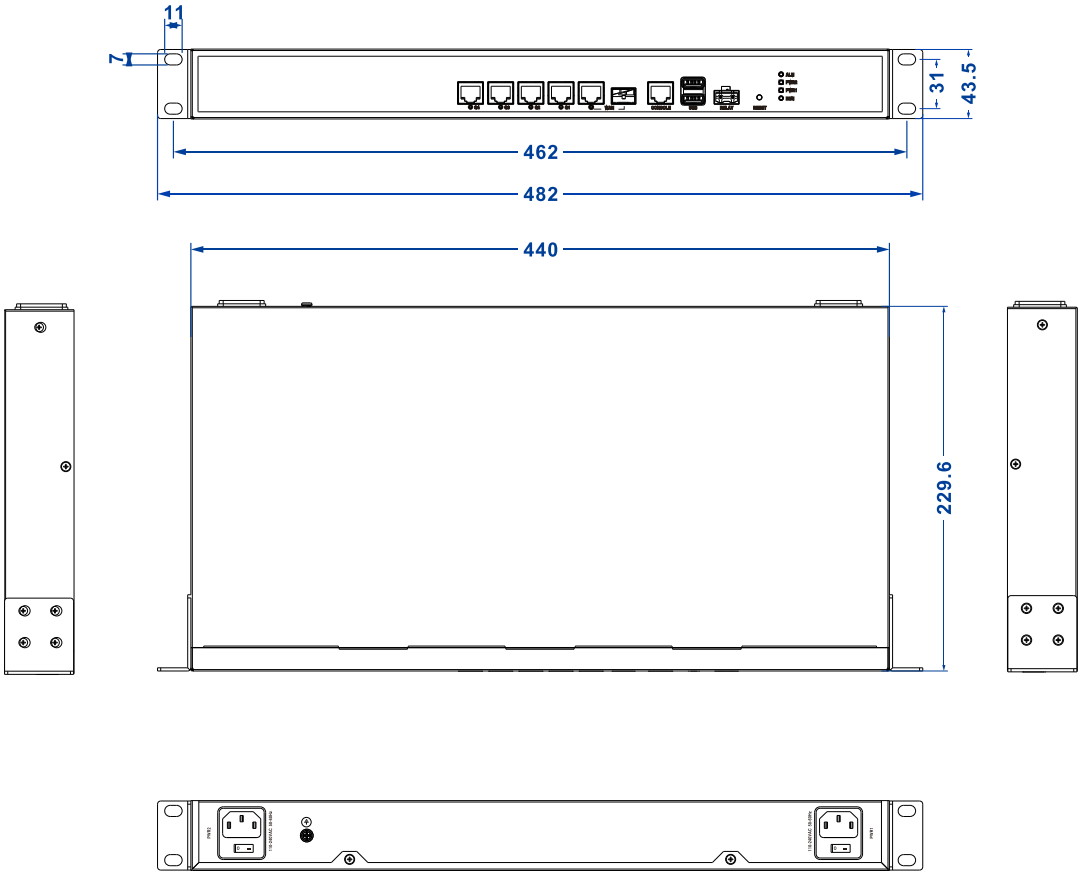
- Support centralized forwarding and distributed forwarding, which can improve forwarding efficiency, and meet the requirements of user flexible networking and network access
- Support quick discovery of wireless AP device, which can realize unified management of wired and wireless integration
- It can achieve fast roaming of layer-2 network when used with IEEE802.11b/g/n/ac wireless AP
- System information monitoring can make the states of device port, network, CPU utilization, memory utilization and AP connection etc. more intuitive
- Group management can configure user settings, network modes, WIFI parameters, black/white list and probe of AP device in batches
- Support online batch configuration and upgrade of AP device, convenient for

installation and maintenance

- IP filtering, MAC filtering, URL filtering and keyword filtering can manage and control LAN network access
- Port forwarding, port redirection and DMZ settings can manage and control LAN network access
- Remote access enables WAN network to access management device
- Log management supports system log information export
- Support device quick configuration and online upgrading
- Timed reboot can make device operate more stably and smoothly
- Support log download and firmware upgrade via USB flash disk, which is convenient for maintaining and managing product

Dimension

Unit:mm



Specification

Standard & Protocol	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX IEEE 802.3z for 1000Base-X IEEE 802.3ab for 1000Base-T IEEE USB2.0 bus standard for USB2.0 IEEE USB3.0 bus standard for USB3.0
Manageable AP Number	500
Centralized AP Management	Device Audit, Group Management, Location Management, Device List, Device Upgrade, Function Configuration
Management	DHCP Server, Access Settings, Timed Reboot, Log Management, Restore Backups, Firmware Upgrade

Security	IP Filtering, MAC Filtering, URL Filtering, Keyword Filtering, Port Forwarding, Port Redirection, DMZ Settings
Time Management	SNTP
Interface	LAN port: 4 Gigabit copper ports, 10/100/1000Base-T(X), RJ45, automatic flow control, full/half duplex mode, MDI/MDI-X Autotunning WAN port: 1 Gigabit Combo port, 10/100/1000Base-T(X) or 1000Base-SFP Console port: CLI command line management port (RS-232), RJ45(CLI function is reserved) Alarm port: 2-pin 7.62mm pitch terminal blocks, support 1 relay alarm output, current load capability is 1A@30VDC or 0.3A@125VAC USB2.0: 1 USB Type A female head USB3.0: 1 USB Type A female head
Indicator	Power supply indicator, alarm indicator, running indicator, interface indicator
Power supply	110~240VAC 50-60Hz, dual power supply redundancy, 3A over-current protection
Power consumption	No-load: 3.0W@220VAC Full-load: 5.0W@220VAC
Working environment	Operating temperature: -40~75℃ Storage temperature:-40~85℃ Relative humidity: 5%~95%(no condensation)
Physical Characteristic	Housing: IP30 protection, metal Installation: 1U rack mounting Dimension (W x H x D): 440mm×43.5mm×229.6mm Weight: 2.26kg
Industrial Standard	IEC 61000-4-2 (ESD, electrostatic discharge), Level 3 ● Air discharge: ±8kV ● Contact discharge: ±6kV IEC 61000-4-4 (EFT, electrical fast transient pulses), Level 3 ● Power supply: ±2kV IEC 61000-4-5 (Surge), Level 3

	• Power supply: common mode±2kV, differential mode±1kV • Ethernet port: common mode±2kV, differential mode±1kV Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years

Ordering Information

Available Models	Gigabit Combo WAN Port	Gigabit RJ45 LAN Port LAN port	Power Supply
IAC8500-1GC4GT-2P110_240VAC	1	4	110~240VAC dual power supply

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