

WAC-1001 系列

工業級無線存取點控制器



特色與優點

- 12 至 48 VDC 備援電源輸入
- 以控制器為基礎的 Turbo Roaming (<50 毫秒)
- 支援的型號：AWK-RTG 系列，TAP 系列
- 符合 IEEE 802.11i 無線安全標準
- 現場安裝可選擇 DIN 軌道安裝或壁掛安裝
- -40 至 75°C 操作溫度範圍 (-T 型號)

認證



簡介

WAC-1001 無線存取點控制器可在分散式無線網路中的 Moxa 存取點提供無縫漫遊體驗。它利用 Moxa 以控制器為基礎的 Turbo Roaming 技術，可實現 3 個頻道切換時，時間少於 50 毫秒。這個先進的漫遊功能可提供用戶端安全、快速的切換，讓無線用戶端享有 AP 間的無縫漫遊，幾乎不中斷的連線。WAC-1001 也支援 1 對 1 熱備份功能，可確保網路更加可靠。同時也提供可在 -40 至 75°C 的溫度下進行操作的寬溫型號。

最大可用性

- 啟用毫秒級 Turbo Roaming
- 配置備份
- 雙備援直流電源輸入

進階安全性

- 支援 IEEE802.1X/RADIUS
- 支援 WPA/WPA2/802.11i
- DI/DO 整合可用於現場監控與警告

規格

Input/Output Interface

Alarm Contact Channels	1 relay output with current carrying capacity of 1 A @ 24 VDC
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Ethernet Interface

10/100/1000BaseT(X) Ports (RJ45 connector)	1
Standards	IEEE 802.1X for authentication IEEE 802.3 for 10BaseT IEEE 802.3ab for 1000BaseT(X) IEEE 802.3af for PoE IEEE 802.3u for 100BaseT(X)
Total Port Count	1
Highest Speed	1G
Connections	PoE

Ethernet Software Features

Management	IPv4, SNMPv1/v2c/v3, Syslog, TCP/IP, Telnet, TFTP, Web Console, Wireless Search Utility
Security	HTTPS/SSL, RADIUS, SSH
Time Management	NTP Client, SNTP

Serial Interface

Console Port	RS-232 (TxD, RxD, GND), 8-pin RJ45 (115200, n, 8, 1)
Flow Control	RTS/CTS, XON/XOFF
Parity	None, Even, Odd, Space, Mark

Serial Signals

RS-232	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
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Wireless Access Control

Controller Failover Mode	1-on-1 hot backup
Handover Time	50 ms
WLAN Products Supported	110 radios

Power Parameters

Input Current	0.6 A @ 12 VDC, 0.15 A @ 48 VDC
Input Voltage	12 to 48 VDC, Redundant dual inputs
Source of Input Power	PoE (IEEE 802.3af)

Physical Characteristics

Housing	Metal
IP Rating	IP30
Dimensions (without ears)	52.85 x 135 x 105 mm (2.08 x 5.32 x 4.13 in)
Weight	1,060 g (2.34 lb)
Installation	DIN-rail mounting, Wall mounting (with optional kit)

Environmental Limits

Operating Temperature	Standard Models: -10 to 60°C (14 to 140°F) Wide Temp. Models: -40 to 75°C (-40 to 167°F)
Storage Temperature (package included)	-40 to 85°C (-40 to 185°F)
Ambient Relative Humidity	5 to 95% (non-condensing)

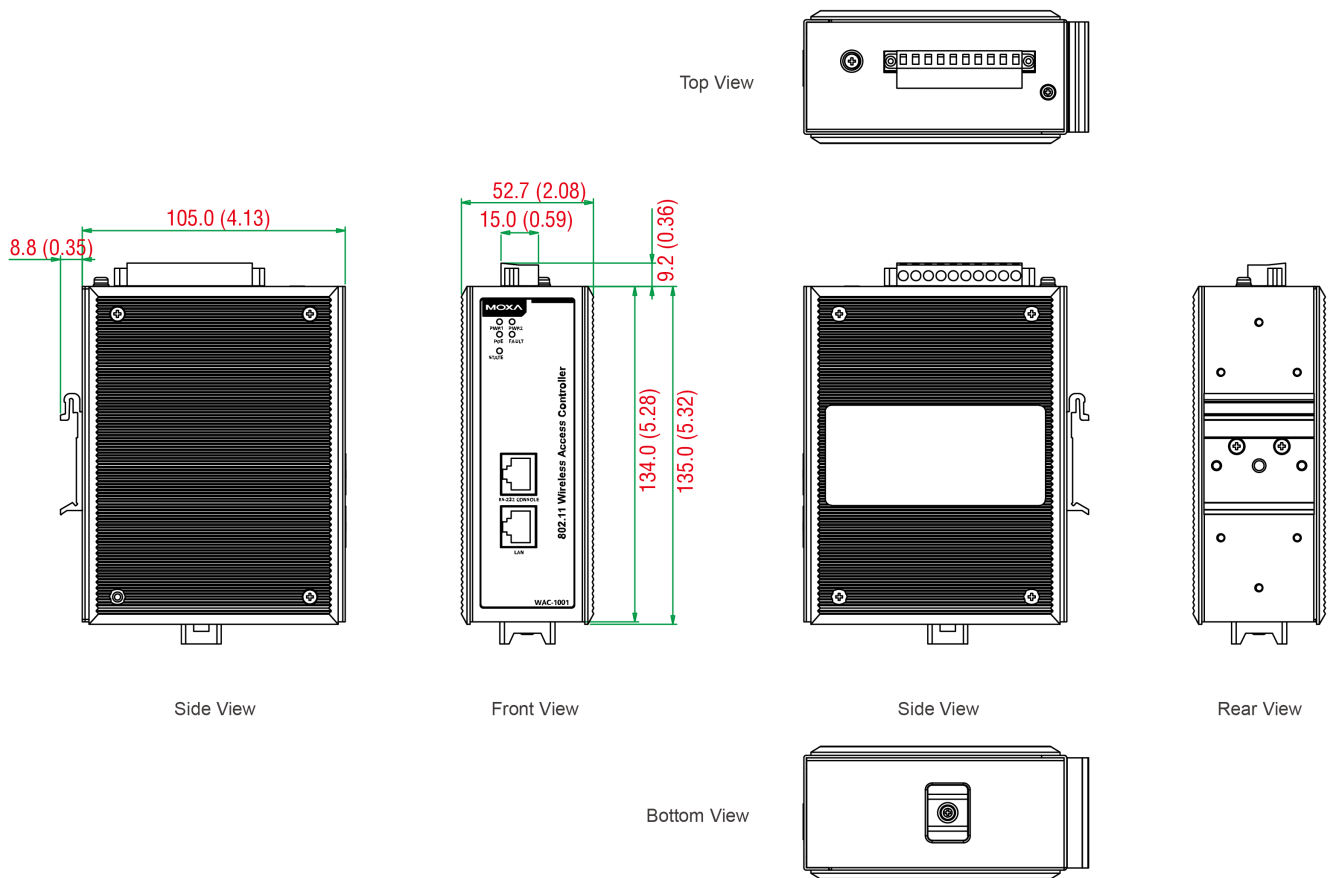
Standards and Certifications

EMC	EN 55032/24
EMI	CISPR 32, FCC Part 15B Class A
EMS	IEC 61000-4-2 ESD: Contact: 8 kV; Air: 15 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m IEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kV IEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kV IEC 61000-4-6 CS: 10 V IEC 61000-4-8 PFMF

Railway	EN 50121-4, EN 50155
Safety	EN 60950-1, IEC 60950-1, UL 60950-1
Declaration	
Green Product	RoHS, CRoHS, WEEE
MTBF	
Time	447,425 hrs
Standards	Telcordia SR332
Warranty	
Warranty Period	5 years
Details	See www.moxa.com/tw/warranty
Package Contents	
Device	1 x WAC-1001 Series wireless access controller
Installation Kit	1 x cable holder with screw 2 x cap, plastic, for RJ45 port
Documentation	1 x quick installation guide 1 x warranty card

尺寸

單位：公釐（英吋）



訂購資訊

Model Name	Application	Operating Temp.	Indoor/Outdoor, IP Code
WAC-1001	Wireless Access Controller	0 to 60°C	Indoor, IP30
WAC-1001-T	Wireless Access Controller	-40 to 75°C	Indoor, IP30

配件 (選購)

Mounting Kits

WK-51-01	Wall mounting kit with 2 plates (51.6 x 67 x 2 mm) and 6 screws
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