

Wireless module - FL WLAN 24 AP 802-11-US - 2700448

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WLAN access point for the USA and Canada, 24 V DC, PoE; IEEE 802.11 a/b/g; 2.4 GHz; 5 GHz, client adapter; antenna diversity; web-based management; 802.11i, WPA2, WPA-PSK, RADIUS, WEP, TKIP, AES

Your advantages

- Range of several hundred meters*
- Maximum security according to IEEE 802.11i with AES encryption
- High resistance to vibration, shock, and EMI
- 2.4 GHz and 5 GHz supported



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 553025
GTIN	4046356553025

Technical data

Dimensions

Width	159 mm
Height	250 mm
Depth	65 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 55 °C
Permissible humidity (operation)	10 % ... 85 % (non-condensing)
Air pressure (operation)	795 hPa ... 1080 hPa (up to 2000 m above sea level)
Degree of protection	IP65

Ethernet interface

Interface	Ethernet
Number	1

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Technical data

Ethernet interface

Connection method	RJ45 socket
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Wireless interface

Designation	Wireless card
Wireless standard	IEEE 802.11
	a
	b
	g
	n
Antenna connection method	RSMA (female)
Frequency band	2.4 GHz
	5 GHz
Transmission power	20 dBm (EIRP)
Number of wireless interfaces	1 IEEE 802.11 a/b/g
Wireless modules that can be connected	256 (More than)

Wireless card

Number	1
Type	IEEE 802.11a/b/g, 2.4 and 5 GHz to 54 Mbps
Assembly instructions	Permanently installed

Antenna

Assembly instructions	External OMNI omnidirectional antenna, the antennas can be exchanged
Number	2
Connection method	RSMA (male)

Power supply for module electronics

Connection method	Via COMBICON
Supply voltage	24 V DC (PoE)
Supply voltage range	18.5 V DC ... 30.5 V DC
Supply current	400 mA (Recommended protection 2AT)

Functions

Operating modes	Access Point
Configuration	Multilingual web-based interface (German/English) under http or https, with password protection
Automatic channel selection	Yes
Quality of service (QoS)	Yes
Virtual LAN (VLAN) support 802.1Q	Yes
Security	WEP 64 bit/128 bit
	WEPplus
	WPA TKIP
	802.11i WPA2 (RSN,AES)

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Functions

	WPA PSK (preshared key)
	WPA group & master rekeying

General

Mounting type	Wall mounting on adapter plate
Net weight	1300 g
Wireless licenses	USA, Canada
Wireless licences	USA
	Canada
Mounting type	Adapter plate

Standards and Regulations

Mechanical tests	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 25g
	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 5g
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

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