

Access Point - RAD-80211-XD - 2885728

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WLAN access point, 24 V DC; IEEE 802.11 a/b/g; 2.4 GHz; 5 GHz, client adapter, bridge; antenna diversity; Wi-Fi compliant; web-based management; 802.11i, DIN rail mounting, without antenna



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	294.840 g
Custom tariff number	85176200
Country of origin	Canada

Technical data

Dimensions

Width	45 mm
Height	99 mm
Depth	115 mm

Ambient conditions

Ambient temperature (operation)	0 °C ... 65 °C
Permissible humidity (operation)	5 % ... 90 % (non-condensing)
Air pressure (operation)	795 hPa ... 1080 hPa (up to 2000 m above sea level)
Degree of protection	IP20

Interfaces

Connection method	D-SUB 9, COMBICON
Protocols supported	RS-232, RS-485, RS-422

Ethernet interface

Number	1
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Ethernet interface

Connection method	RJ45 jack
	D-SUB 9, COMBICON
Protocols supported	RS-232, RS-485, RS-422

Wireless interface

Antenna connection method	MCX (female)
Wireless standard	IEEE 802.11
	a
	b
	g
	h
Frequency band	ISM 2.4 GHz
	ISM 5 GHz
Transmission power	20 dBm (EIRP)
Number of wireless interfaces	1 IEEE 802.11 a/b/g

Antenna

Assembly instructions	Antenna not included
Number	1

Power supply for module electronics

Connection method	Via COMBICON
Supply voltage	24 V DC
Supply voltage range	12 V DC ... 30 V DC
Supply current	500 mA

Functions

Operating modes	Access point, client, bridge
Configuration	Web-based management
Automatic channel selection	Yes
Security	WEP 64 bit/128 bit
	WPA TKIP
	802.11i WPA2 (AES)

General

Color	green
Net weight	300 g
Wireless licenses	USA, Canada
Mounting type	DIN rail mounting

Standards and Regulations

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Technical data

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
UL, USA/Canada	Class I, Div. 2, Groups A, B, C, D

Classifications

eCl@ss

eCl@ss 4.0	27240409
eCl@ss 4.1	27240409
eCl@ss 5.0	27242215
eCl@ss 5.1	19030112
eCl@ss 6.0	27242208
eCl@ss 7.0	27242208

ETIM

ETIM 2.0	EC001423
ETIM 3.0	EC001423
ETIM 4.0	EC001423

UNSPSC

UNSPSC 6.01	20142601
UNSPSC 7.0901	20142601
UNSPSC 11	20142601
UNSPSC 12.01	20142601
UNSPSC 13.2	20142601

Accessories

Accessories

Antenna

Antenna - RAD-ISM-2400-ANT-OMNI-2-1 - 2867461



Omnidirectional antenna, 2.4 GHz, gain: 2 dBi, polarization: linear, opening angle: h/v 360°/75°, degree of protection: IP65, connection: MCX (male), incl. 1.5 m / 5 ft. connecting cable and mounting bracket for wall mounting

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Accessories

Antenna - RAD-ISM-2400-ANT-VAN- 3-1-MCX - 2885702



Omnidirectional antenna with protection against vandalism, 2.4 GHz, gain: 3 dBi, polarization: linear, opening angle: h/v 360°/85°, degree of protection: IP55, connection: MCX (male), for control cabinet mounting (optional wall mounting), incl. 1.5 m / 5 ft. connecting cable

Antenna - RAD-ISM-2400-ANT-OMNI-9-0 - 2867623



Omnidirectional antenna, 2.4 GHz, gain: 9 dBi, polarization: linear, opening angle: h/v 360°/15°, degree of protection: IP65, connection: N (female), incl. mounting bracket and mast clips

Antenna - RAD-ISM-2400-ANT-PAN- 8-0 - 2867610



Directional antenna, 2.4 GHz, gain: 8 dBi, polarization: linear, opening angle: h/v 75°/70°, degree of protection: IP55, connection: SMA (female), incl. mounting bracket and mast clips

Antenna - RAD-ISM-2400-ANT-PAR-19-0 - 2867885



Directional antenna, 2.4 GHz, gain: 19 dBi, polarization: linear, opening angle: h/v 17°/11°, degree of protection: IP65, connection: N (female), incl. mounting bracket and mast clips

Antenna - RAD-ISM-2400-ANT-OMNI-6-0 - 2885919



Omnidirectional antenna, 2.4 GHz, gain: 6 dBi, polarization: linear, opening angle: h/v 360°/30°, degree of protection: IP67, seawater-resistant, connection: N (female), incl. mounting bracket and mast clamps, ATEX and IECEx approval

Configuration set

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Accessories

Configuration set - RAD-ISM-2400-DATA-CONFIG-KIT - 2885838



Configuration set, consisting of configuration software RAD Link 3.1, Quick Start Guide and User Manual in printed form and interface cable (D-SUB 9 to USB)

Solar set

Solar system - RAD-SOL-SET-24-100 - 2885472



24 V / 100 Wp solar system for worldwide use. Consisting of a solar panel, prewired control cabinet with charge controller, solar batteries, fuses, surge protection and assembly material (including mast clips).