

# FL WLAN 4321 - Wireless set



1194423

<https://www.phoenixcontact.com/us/products/1194423>

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Pre-configured point-to-point Ethernet bridge for U.S. and Canada with internal antennas for pole mounting. IP67, wireless Ethernet communication up to 300 Mbps, frequency: 5 GHz, 10/100/1000 Mbps RJ45, passive PoE (8 - 30 V DC) powered.

## Commercial data

Item number	1194423
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN16
Product key	DNN2W3
GTIN	4063151249519
Weight per piece (including packing)	2,380 g
Weight per piece (excluding packing)	2,220 g
Customs tariff number	85176200
Country of origin	PL

## Technical data

### Notes

#### Note on application

Note on application	Only for industrial use
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### Product properties

Type	Stand-alone
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#### Wireless card

Number	1
Type	IEEE 802.11 b/g/n 5 GHz to 300 Mbps
Assembly note	Permanently installed

### Electrical properties

#### Supply: Module electronics

Supply voltage	120 V AC (converted to 24 V DC via passive POE adapter (included))
Current consumption	417 mA (maximum (at 24 V))
Power consumption	11 W (maximum (at 24 V))

### Interfaces

#### Antenna

Number	1
Connection method	permanently installed
Note on the connection method	Dual polarized: Horizontal and vertical
Gain	11 dBi

#### Functions

Security	256-bit AES-CCM Encryption WPA2
Wireless licenses	USA, Canada
Country support	USA Canada

#### Ethernet (RJ45)

Number of interfaces	1 (Passive PoE)
Connection method	RJ45
Note on the connection method	Auto negotiation and autocrossing
Transmission speed	10/100/1000 Mbps
Transmission physics	Copper
Number of interfaces	1 (Passive PoE)

#### Wireless

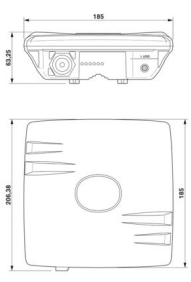
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Designation	Wireless LAN
Antenna connection method	(Internal)
Frequency band	5 GHz
Wireless standard	IEEE 802.11 (Wi-Fi Alliance) b (Wi-Fi 1) g (Wi-Fi 3) n (Wi-Fi 4)
Number of wireless interfaces	1 IEEE 802.11 b/g/n
Wireless modules that can be connected	1 (non-configurable, pre-paired)

## Dimensions

Dimensional drawing	
Width	185 mm
Height	63.5 mm
Depth	185 mm
Note on dimensions	Outside dimensions

## Material specifications

Color	white
Housing material	Polystyrene

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-40 °C ... 75 °C
Ambient temperature (storage/transport)	-45 °C ... 85 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)

## EMC data

### Emitted interference

Standards/regulations	FCC Part 15B
Test result	Class A

### Emitted interference

Standards/regulations	FCC Part 15C
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## Mounting

Mounting type	Mast mounting
Assembly note	Internal antenna

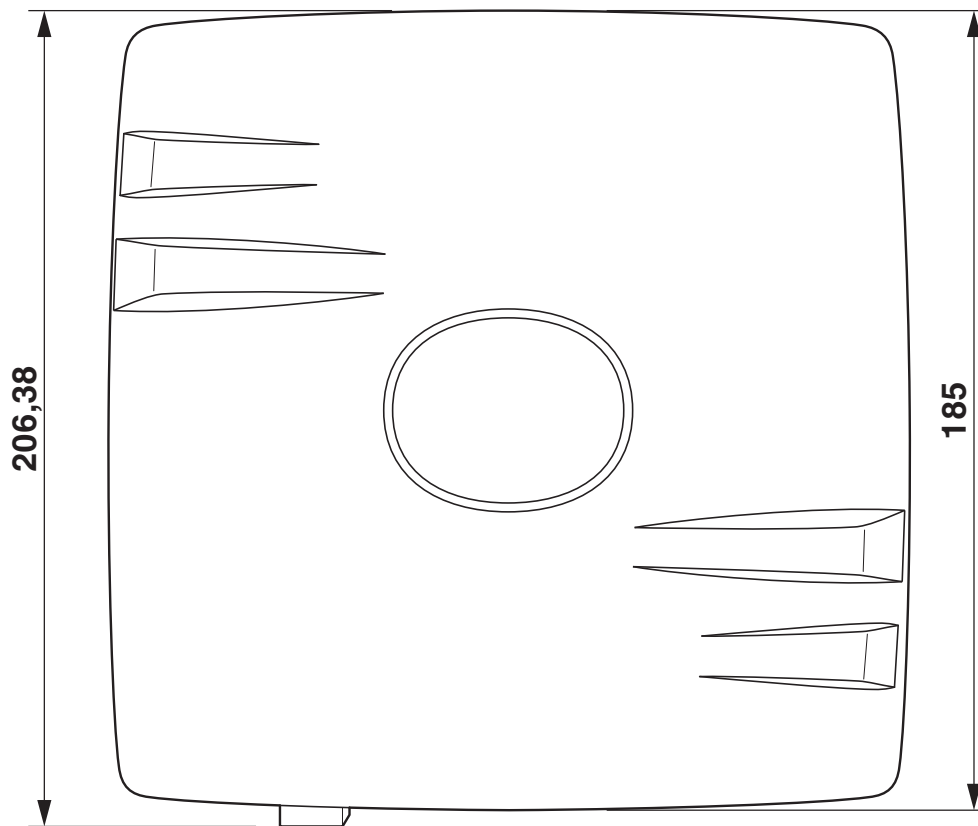
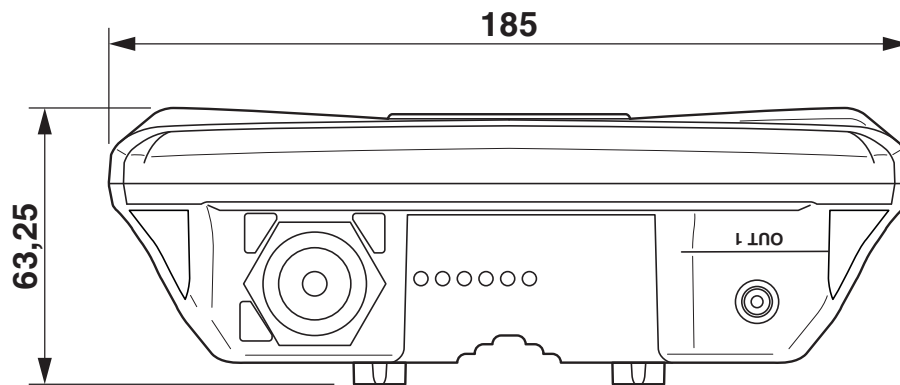
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## Drawings

Dimensional drawing





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## Classifications

### ECLASS

ECLASS-13.0

19170501

### ETIM

ETIM 9.0

EC000816

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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Not applicable, No electrical and electronic equipment (EEE), cannot be used in EEE
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### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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