

# Wireless set - FL WLAN 4321 - 1194423

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Pre-configured point-to-point Ethernet bridge kit for USA and Canada with internal antennas for pole mounting (outer dimensions 0.25 in. to 2 in.). IP67, wireless Ethernet communication up to 300 Mbps, frequency: 2.4 GHz, 10/100/1000 Mbps RJ45, passive PoE (8-30VDC) powered.

## Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	2,380.000 g
Country of origin	Poland

## Technical data

### Dimensions

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

### Ambient conditions

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)
Degree of protection	IP67

### Wireless interface

Designation	Wireless LAN
Antenna connection method	(Internal)
Wireless standard	IEEE 802.11 (Wi-Fi Alliance)
	b (Wi-Fi 1)
	g (Wi-Fi 3)
	n (Wi-Fi 4)
Frequency band	2.4 GHz

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### Technical data

#### Wireless interface

Number of wireless interfaces	1 IEEE 802.11 b/g/n
Wireless modules that can be connected	1 ()

#### Functions

Security	256-bit AES-CCM Encryption
	WPA2

#### Wireless card

Number	1
Type	IEEE 802.11 b/g/n 2.4 GHz to 300 Mbps
Assembly instructions	Permanently installed

#### Antenna

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

#### Ethernet interface

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

#### Power supply for module electronics

Supply voltage	120 V AC (converted to 24 V DC via passive POE adapter (included))
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#### General

Housing material	Polystyrene
Color	white
Net weight	2400 g
Wireless licenses	USA, Canada
Wireless licences	USA
	Canada

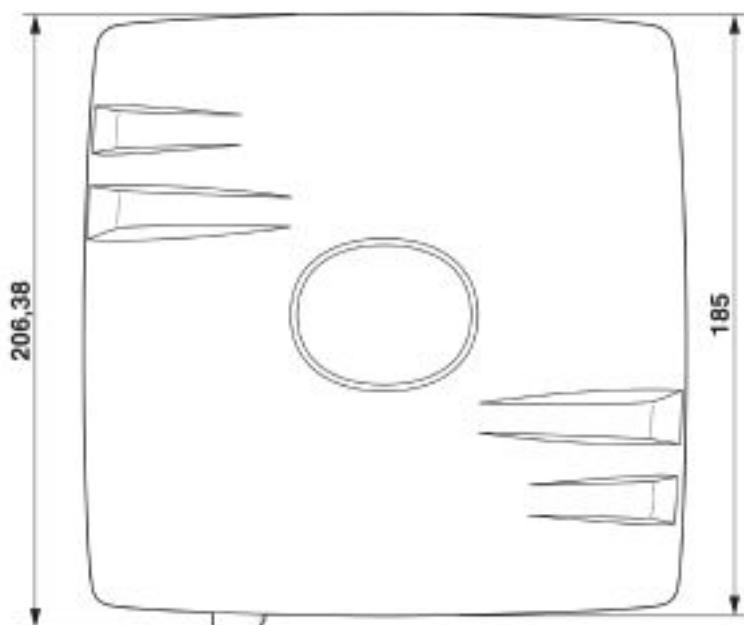
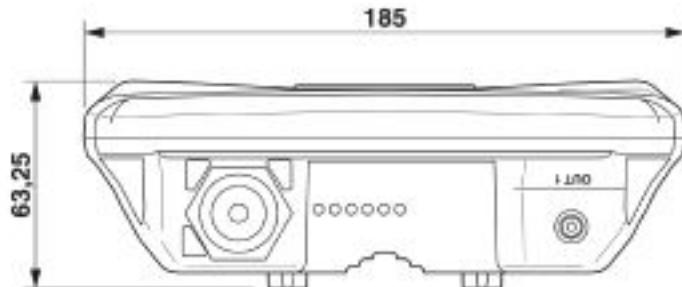
#### Standards and Regulations

Standards/regulations	FCC Part 15B
Test result	Class A

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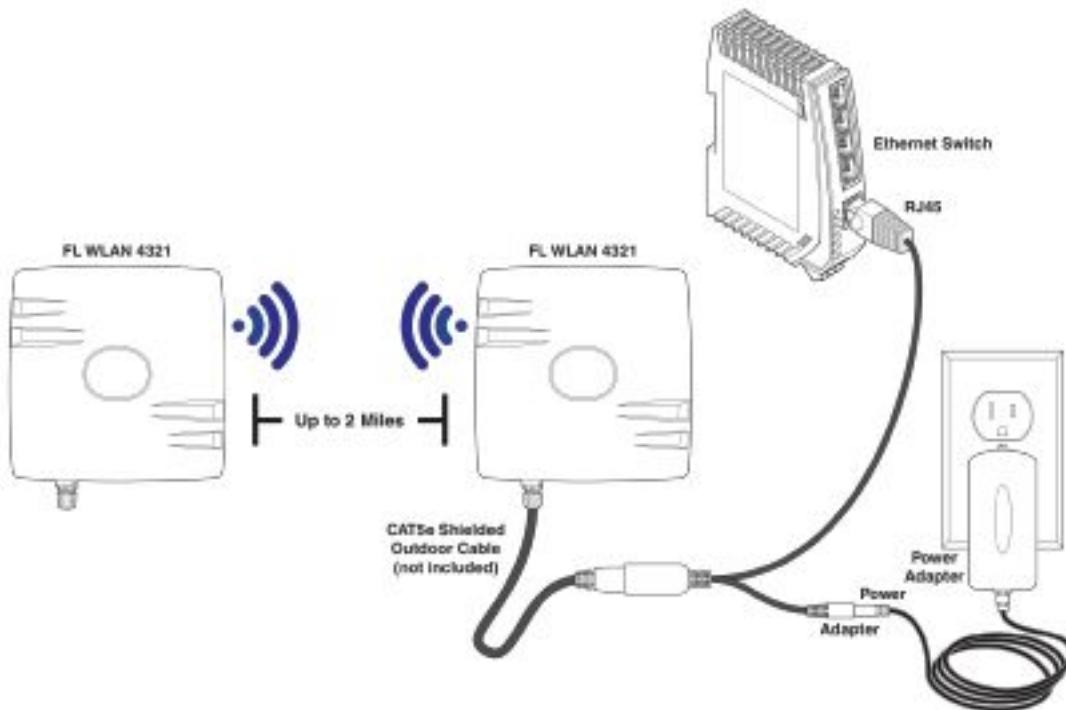
### Drawings

Dimensional drawing



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Application drawing



### Accessories

#### Accessories

Data cable preassembled

Network cable - NBC-R4AC-IE8/.../... - 1411838



Network cable, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5, cable outlet: straight

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### Patch panel

Patch panels - PP-RJ-SC - 2703016



Patch panel, RJ45 jack on screw terminal blocks, 10/100/1000 Mbps, DIN rail adapter, IP20, shield contacting with strain relief

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### Accessories

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#### Patch panels - PP-RJ-SCC - 2703018



Patch panel, RJ45 jack on Push-in terminal blocks, 10/100/1000 Mbps, DIN rail adapter, IP20, shield contacting with strain relief

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#### Patch panels - PP-RJ-IDC - 2703019



Patch panel, RJ45 jack on IDC terminal blocks, 10/100/1000 Mbps, DIN rail adapter, IP20, shield contacting with strain relief

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### Power supply

#### Power supply unit - UNO-PS/1AC/24DC/ 30W - 2902991



Primary-switched UNO POWER power supply for DIN rail mounting, input: 1-phase, output: 24 V DC/30 W

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### Switch

#### Industrial Ethernet Switch - FL SWITCH 1005N - 1085039



Narrow Ethernet switch, five RJ45 ports with 10/100 Mbps on all ports, automatic data transmission speed detection, autocrossing function, and QoS

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### Accessories

Industrial Ethernet Switch - FL SWITCH 1008N - 1085256



Narrow Ethernet switch, eight RJ45 ports with 10/100 Mbps on all ports, automatic data transmission speed detection, autocrossing function, and QoS

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NBC-R4AQ/25,0-94D/OE - 1211706

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NBC-R4AQ/50,0-94D/OE - 1211705

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