

WLAN ETHERNET Gateway

Wireless transmission link for ETHERNET protocols



Power connector:

M12 plug, A-coded



- 1: Vin + (DC 9 ... 30 V)
- 2: External Trigger Ground
- 3: Vin GND (0 V)
- 4: External Trigger + (DC 9 ... 30 V)
- 5: n.c.

ETHERNET connector:

M12 socket, D-coded



- 1: Transmit +
- 2: Receive +
- 3: Transmit -
- 4: Receive -

WAGO WLAN ETHERNET Gateways simplify creation of a wireless transmission link for ETHERNET protocols (e.g., PROFINET, MODBUS/TCP, Ethernet/IP).

The gateway is used as a cable substitute to create a robust, industry-proven WLAN link between two automation devices.

The IP65 housing and circularly polarized antenna allow the gateway to be used even in harsh industrial environments. Simple, push-button operation provides very fast connection between two WLAN ETHERNET Gateways.

Note:

Two WLAN ETHERNET Gateways of the same type are required to establish a point-to-point connection.

Description	Item No.	Pack. Unit
WLAN ETHERNET Gateway, 2.4 GHz	758-916	1
Product discontinuation		
Product substitutes:	758-918	
WLAN ETHERNET Gateway, 5 GHz	758-917	1
Product discontinuation		
Product substitutes:	758-918	
Accessories	Item No.	Pack. Unit
IP67 cables and connectors	see Section 11	
Approvals		
Standards/specifications	R&TTE (Europe)	
	FCC/CFR 47 part 15	
	IC (Industry Canada)	
Conformity marking	CE	

Technical Data	
Wireless technology	IEEE 802.11 bgn (758-916) IEEE 802.11 an (758-917)
Topology	Point-to-point connection
Security authentication	Open, Shared, WPA/WPA2 PSK, LEAP, PEAP
Security encryption	None, WEP64, WEP128, TKIP, AES/CCMP
Frequency band	License-free ISM band, 2.4 GHz (758-916) License-free ISM band, 5 GHz (758-917)
Transmission range	up to 400 m (758-916) up to 200 m (758-917)
Antenna	Internal, circularly polarized, directional antenna
Voltage supply	24 V DC
Voltage range	9 V ... 30 V DC
Ports	ETHERNET connector: M12 socket, D-coded Power connector: M12 plug, A-coded
Configuration	Simple, push-button operation and Web-based management
Number of inputs	1 (trigger input 9 V ... 30 VDC)
Dimensions (mm) W x H x L	66 x 36.2 x 91
Weight	120 g
Operating temperature	-30 °C ... +65 °C
Storage temperature	-40 °C ... +85 °C
Degree of protection	IP65
EMC immunity of interference	acc. to EN 61000-6-2
EMC emission of interference	acc. to EN 61000-6-3