



Wireless System EX600-W Series

NEW

Safe Wireless Communication Device

www.smcusa.com/wireless



Noise Resistance

Uses the 2.4 GHz ISM frequency band
Frequency Hopping: Every 5 ms

High-speed Connection

From power supply ON to start of communication
Min. 250 ms For wireless slave

Communication Response

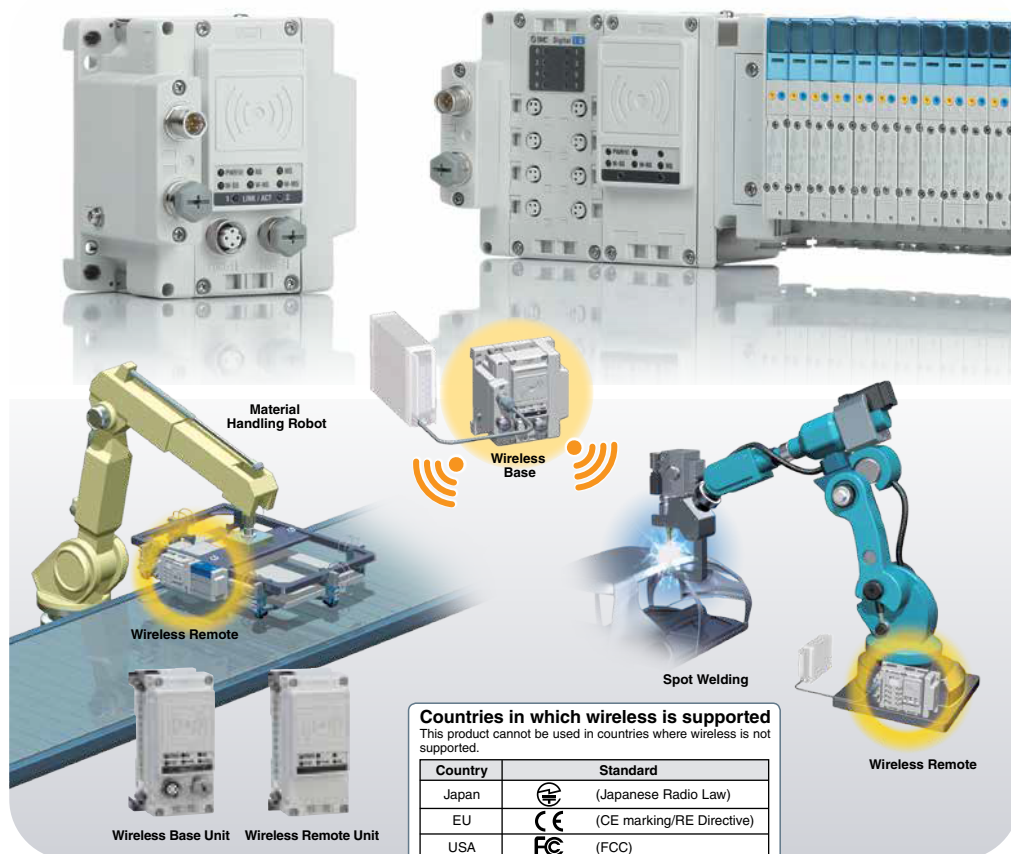
Signal response time: **5 ms**

Communication Cables not Required

Reduced wiring work, space, and cost
Minimized disconnection risk

Number of I/O points

Max. 1280 inputs/1280 outputs
(Registration and communication of up to 127 slave units is possible.)



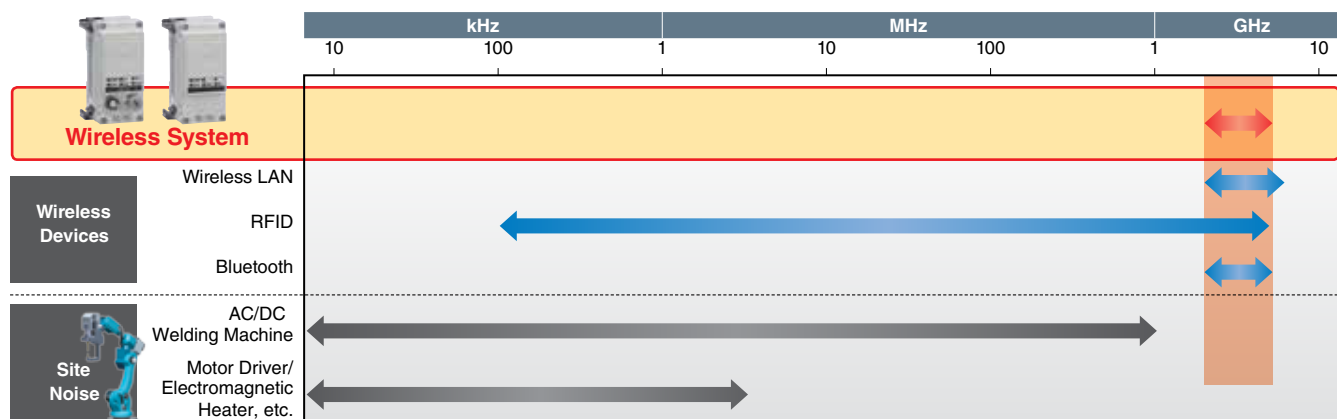
Countries in which wireless is supported

This product cannot be used in countries where wireless is not supported.

Country	Standard
Japan	(Japanese Radio Law)
EU	(CE marking/RE Directive)
USA	(FCC)
Brazil	(Anatel)
Mexico	(MRA)

Provide Safe and Reliable Communication

Uses the 2.4 GHz ISM frequency band



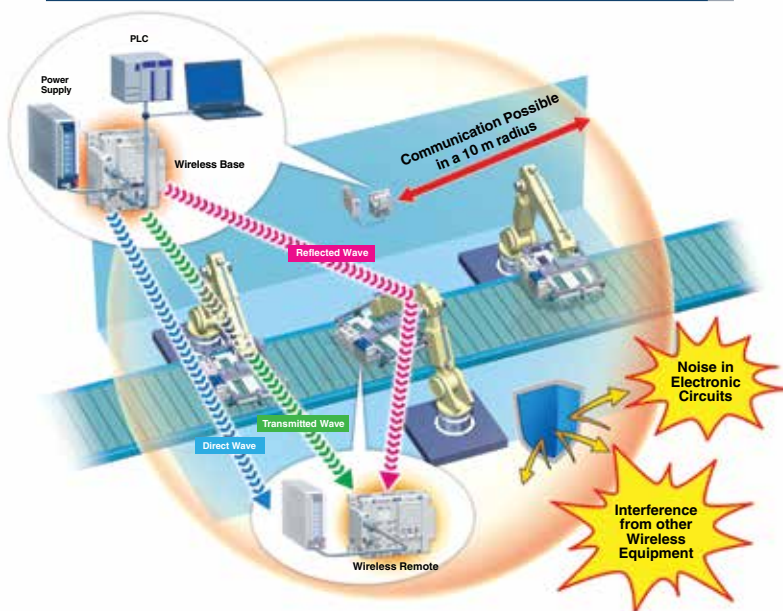
* ISM (Industrial, Scientific and Medical) radio bands: Radio bands reserved for the use of radio frequency energy for industrial, scientific and medical purposes.

NF370-A

Application Examples

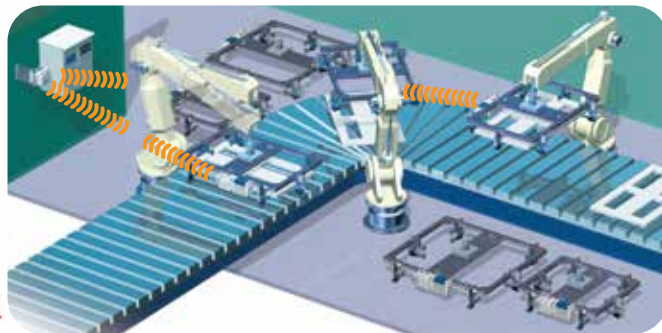
Provide Stable Communication

Communications using Various Forms of Radio Wave Propagation



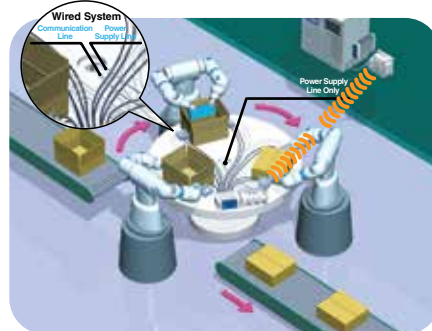
Tool Change

- Communication cable is not necessary for moving parts.
- Minimized disconnection risk
- Shorter time for establishing communication (startup time)



Rotary Table

- Minimized disconnection risk
- Smaller diameter communication cable/tubing



Blocking of Radio Waves

- The radio waves must not be blocked by nearby conductive objects such as metal enclosures or covers



XQ-RRD-2.5M

Item	Specification
Communication	Communication Protocol: EtherNet/IP, PROFINET
	Communication Speed: 10 Mbps/100 Mbps
Wireless Communication	Communication Distance: 10 m (Depending on the operating environment)
	Communication Speed: 10 m Mbps / 100 Mbps
Inout/Output	Number of Inputs: Max. 1280 pts together with the registered slave units
	Number of Outputs: Max. 1280 pts together with the registered slave units
General	Enclosure: IP67 equivalent (with manifold assembled)
	Standards: CE marking, RoHS compliant
	Weight: 300 g

How to Order

SI Unit


EX600-W

Wireless Compatible

Output Type

Symbol	Specifications
1	Valve output type: PNP (-COM)
2	Valve output type: NPN (+COM)

SI Unit

Symbol	Specifications	Note
EN	Wireless Base Unit	For EtherNet/IP™
PN	Wireless Base Unit	For PROFINET
SV	Wireless Remote Unit	—

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