



# Wireless System EX600-W Series

**NEW**

Safe Wireless Communication Device

[www.smcusa.com/wireless](http://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

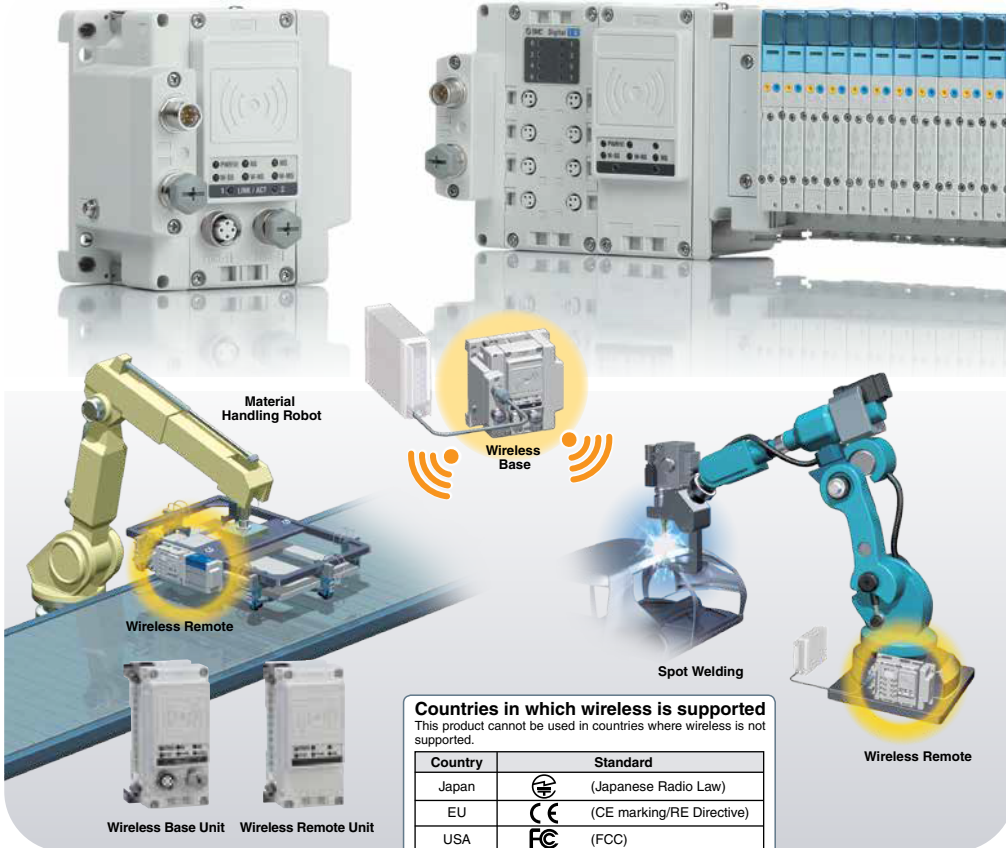
Signal response time: **5 ms**

### 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.)



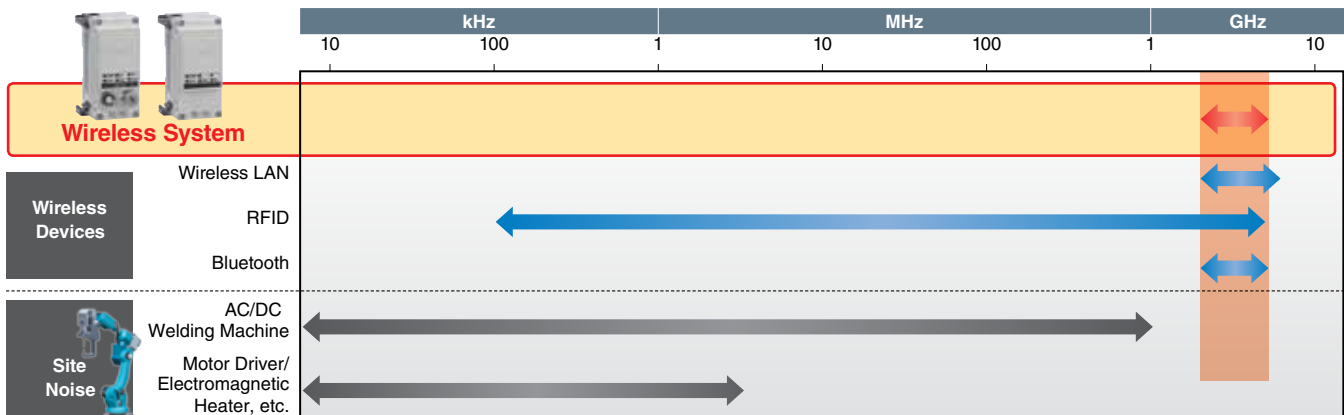
#### Countries in which wireless is supported

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

Country	Standard
Japan	㊦ (Japanese Radio Law)
EU	CE (CE marking/RE Directive)
USA	FC (FCC)
Brazil	ANATEL (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.

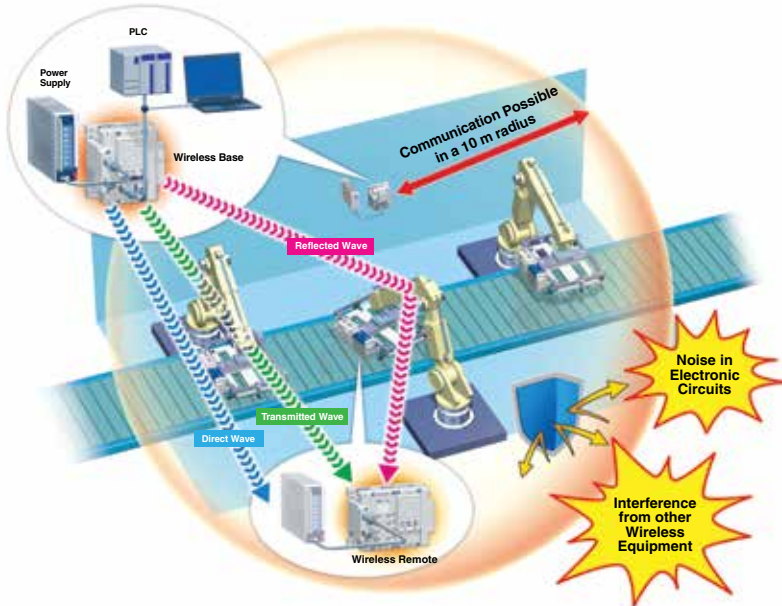
**NF370-A**

## Application Examples



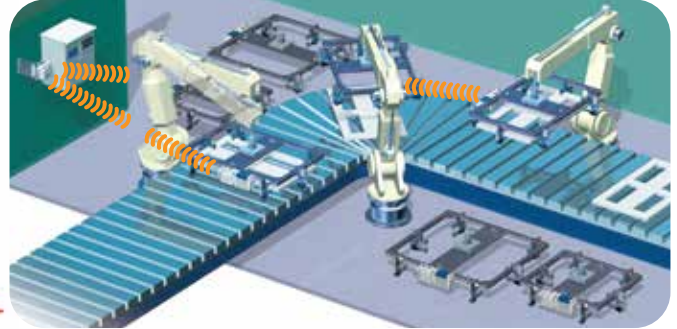
### Provide Stable Communication

#### Communications using Various Forms of Radio Wave Propagation



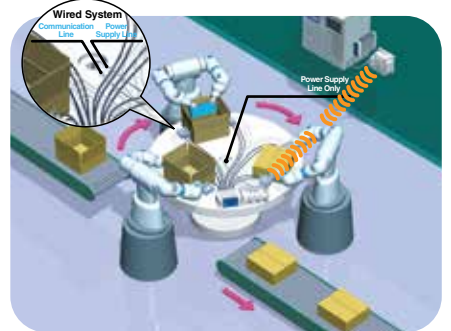
#### Tool Change

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



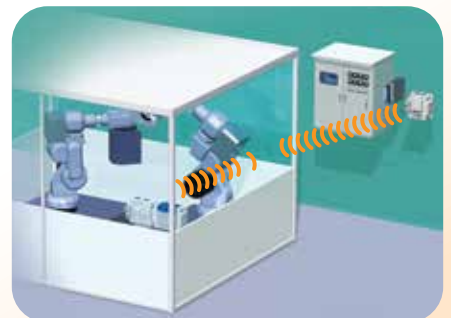
#### Rotary Table

- 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	—