



# 900 MHZ FAMILY

## LONG RANGE WIRELESS TRANSMITTERS AND RECEIVER



### DESCRIPTION

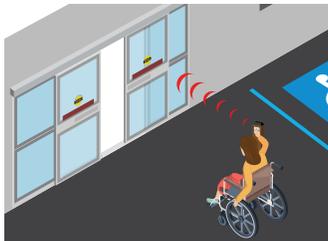
BEA's **900 MHZ FAMILY** compact transmitters and receiver allow wireless activation of any door control. FCC Part 15 certification ensures proper compliance with federal radio frequency regulations.

900 MHz wireless technology provides greater line-of-sight transmission distance than legacy wireless frequencies. It also provides better penetration of obstacles such as walls, partitions, doors or low-emissivity glass.

BEA's **900 MHZ FAMILY** series of wireless devices includes the touchless retrofit transmitter for easy upgrade of touch push plates to touchless solutions, which typically require additional wires to be run for installation.

The **900 MHZ FAMILY** industrial series offers a line of IP65 rated hand-held transmitters, ideal for industrial environments. This family also has a convenient beltclip accessory.

### APPLICATIONS



Wireless Actuators



Limited Mobility

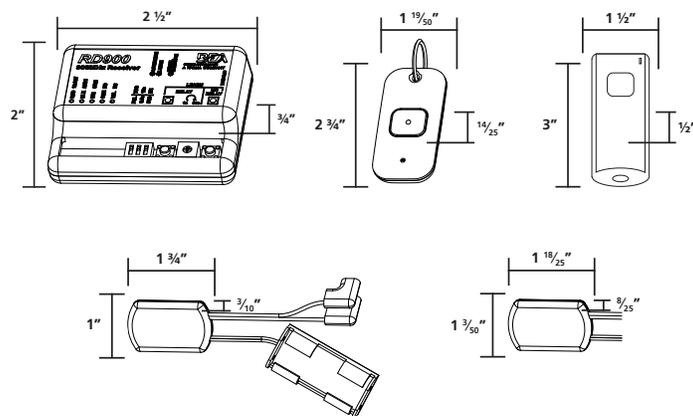
### TECHNICAL SPECIFICATIONS

<b>Frequency</b>	908 – 918 MHz (Frequency Hopping)	
<b>Radio Control Type</b>	Digital	
<b>Power Consumption</b>		
Standard	30mA (TX) / 40mA (RX)	
Industrial	13mA (TX) / 40mA (RX)	
Retrofit	22 mA	
Universal	30mA	
<b>Supply Voltage</b>	12 – 24 VAC / VDC	
<b>Contact Rating</b>	1.0 A @ 30 VDC 0.3 A @ 60 VDC 0.5 A @ 125 VAC	
<b>Operating Temperature</b>	14 – 131 °F (-10 – 55 °C)	
<b>Transmitter Capacity (per receiver)</b>		
Programmable (standard)	75	
Universal	Unlimited	
<b>LEDs</b>	Receivers:	Transmitters:
	Red (Receiver learn)	Red = Transmitting
	Blue (Relay activation)	Red Blinking = Low Battery
	Tri-color (Signal strength)	
<b>Dimensions</b>		
Transmitter	Standard Handheld: 2 3/4" (W) x 1 19/50" (D) x 1 1/25" (H) Standard Push-Plate Transmitter: 1 3/4" (W) x 1" (D) x 3/10" (H) Industrial Handheld: 1 1/2" (W) x 3" (D) x 1/2" (H) Retrofit: 1 18/25" (W) x 1 3/50" (D) x 9/25" (H)	
Receiver	RD900: 2 1/2" (W) x 2" (D) x 3/4" (H)	
<b>Norm Conformity</b>	All: FCC, IC Industrial Handheld: IP65	

\*BEA'S 900 MHZ UNIVERSAL TRANSMITTERS function directly out of the box. No programming required, saving time and enhancing accessibility.

\*\*Compatible with 10RD900 and 10BR2-900 modules

\*\*\*Not intended for security applications



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BEA AMERICAS / RIDC Park West / 100 Enterprise Drive / Pittsburgh, PA  
T 1-800-523-2462 / F 1-888-523-2462 / E info-us@BEAsensors.com

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