



## 900 MHZ FAMILY

LONG RANGE WIRELESS TRANSMITTERS  
AND RECEIVER



### LEARN MORE



▲ click or scan

### TECHNOLOGY



### CERTIFICATIONS



### 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.



### Signal Strength Indicator

Multi-color LEDs on receiver provide installer with visual notification of signal strength and activation status

### Consistent Transmission

Frequency hopping allows consistent transmission in areas with other 900 MHz devices

### Enhances Accessibility

Offers a means of activation for those with limited mobility or disabilities

### Variety Of Accessories

1, 2, 3, and 4 button handheld transmitters provide flexibility where multiple receivers are used

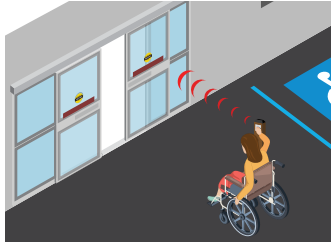
### Extended Hold Functionality

Extended hold and toggle/pulse functionality is integrated for various application needs

### Learn Modes

Delay and no-delay learn modes provide either instant or delayed activation for the sequencing of doors

## 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>	<b>Receivers:</b> Red (Receiver learn) Blue (Relay activation) Tri-color (Signal strength)	<b>Transmitters:</b> Red = Transmitting Red Blinking = Low Battery
<b>Dimensions</b>		
Transmitter	Standard Handheld: 2 3/4" (W) x 1 1/50" (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 1/25" (W) x 1 3/50" (D) x 3/25" (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

## PRODUCT SERIES



**10RD900**

900 MHz receiver module

**10TD900HHX**

1 – 4 Button standard handheld transmitters

**10TD900INDHXX**

1 – 4 Button IP65 rated handheld transmitters

**10BELTCLIP**

Industrial transmitter beltclip accessory

**10TD900PB**

900 MHz hardwired transmitter

**10TD900TR**

900 MHz retrofit transmitter

**10BR2-900**

2-Relay logic module

**10TD900HH1U**

Universal transmitter\*

**DISCLAIMER** Information is supplied upon the condition that the persons receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will BEA be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information from this document or the products to which the information refers. BEA has the right without liability to change descriptions and specifications at any time.

[WWW.BEASENSORS.COM](http://WWW.BEASENSORS.COM)



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

A Halma company