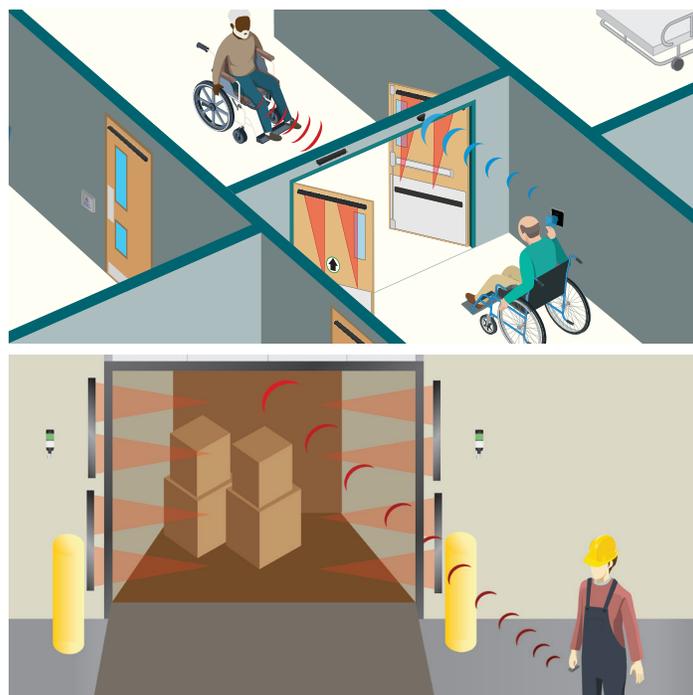


# 900 MHZ FAMILY

## 900 MHZ WIRELESS TRANSMITTERS AND RECEIVER



### PRIMARY APPLICATION



### DESCRIPTION

BEA's 900 MHz 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 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 industrial series offers a line of NEMA 4 rated hand-held transmitters, ideal for industrial environments. This series also has a convenient belt-clip accessory.

### FEATURES & BENEFITS

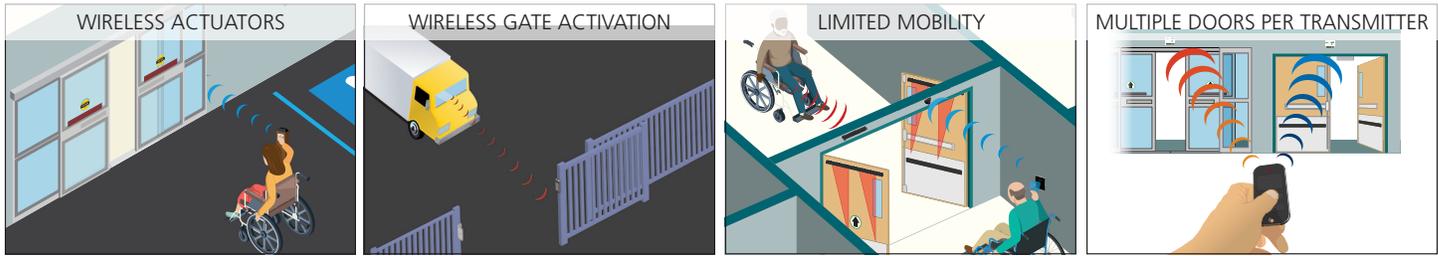
- A combination of the industry's most compact 900 MHz transmitters and receiver for optimal installation convenience
- Multi-color LEDs on receiver provide installer with visual notification of signal strength and activation status
- Frequency hopping allows consistent transmission in areas with other 900 MHz devices
- A battery-powered, hardwired transmitter is ideal for push plate applications
- Enhances accessibility for those with limited mobility or disabilities
- 1, 2, 3 and 4 button hand-held transmitters provide flexibility where multiple receivers are used
- Extended hold and toggle/pulse functionality is integrated for various application needs
- Delay and no-delay learn modes provide either instant or delayed activation for the sequencing of doors



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100 Enterprise Drive  
Pittsburgh, PA 15275-1213

Customer Service: 800.523.2462  
Technical Support: 800.407.4545  
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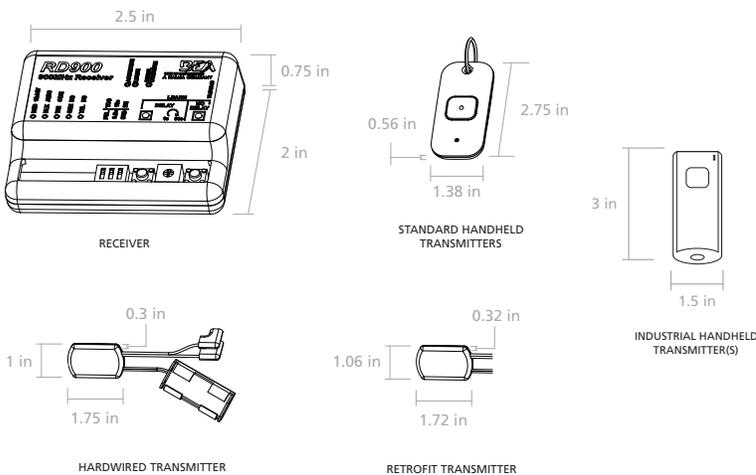
## APPLICATIONS



## TECHNICAL SPECIFICATIONS

<b>Frequency</b>	908 – 918 MHz
<b>Radio Control Type</b>	Digital
<b>Emitted Radio Power</b>	-25 dBm (TX)
<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: Red (Receiver learn) Blue (Relay activation) Tri-color (Signal strength) Transmitters: Red = Transmitting Red blinking = low battery
<b>Dimensions</b>	Transmitter Standard Hand-Held: 2.75" (W) x 1.38" (D) x 0.56" (H) Standard Push-Plate Transmitter: 1.75" (W) x 1.0" (D) x 0.3" (H) Industrial Hand-Held: 1.5" (W) x 3.0" (D) x 0.5" (H) Retrofit: 1.72" (W) x 1.06" (D) x 0.32" (H) Receiver RD900: 2.5" (W) x 2.0" (D) x 0.75" (H)
<b>Norm Conformance</b>	All: FCC, IC    Industrial Hand-Held: IP65 / NEMA 4

## DIMENSIONAL DRAWINGS



## RELATED PRODUCTS



**10RD900**  
900 MHz RECEIVER  
MODULE



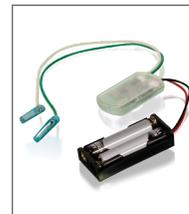
**10TD900HHX**  
1 – 4 BUTTON  
STANDARD  
TRANSMITTER



**10TD900INDHHX**  
1 – 4 BUTTON NEMA 4  
RATED TRANSMITTER



**10BELTCLIP**  
INDUSTRIAL  
TRANSMITTER  
BELTCLIP ACCESSORY



**10TD900PB**  
HARDWIRED  
TRANSMITTER



**10TD900TR**  
900 MHz RETROFIT  
TRANSMITTER



**10BR2-900**  
2-RELAY LOGIC  
MODULE



**10TD900HH1U**  
UNIVERSAL  
TRANSMITTER

### BEA'S UNIVERSAL TRANSMITTER (10TD900HH1U)

BEA'S UNIVERSAL TRANSMITTERS FUNCTION DIRECTLY OUT OF THE BOX...NO PROGRAMMING REQUIRED, SAVING TIME AND ENHANCING ACCESSIBILITY.

\*COMPATIBLE WITH 10RD900 AND 10BR2900 MODULES.

\*\*NOT INTENDED FOR SECURITY APPLICATIONS

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WIRELESS TRANSMITTERS AND RECEIVER

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