



900 MHZ FAMILY

LONG RANGE WIRELESS TRANSMITTERS
AND RECEIVER

DESCRIPTION

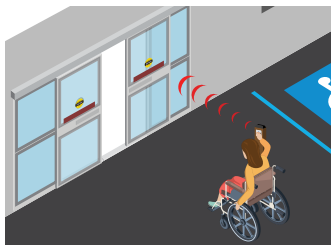
BEA's **900 MHZ FAMILY** compact transmitters and receiver allow wireless activation of any door control. FCC Part 15 certification ensures proper compliance with federal radio frequency regulations.

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.

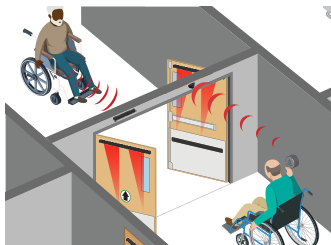
BEA's **900 MHZ FAMILY** series of wireless devices includes the touchless retrofit transmitter for easy upgrade of touch push plates to touchless solutions, which typically require additional wires to be run for installation.

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



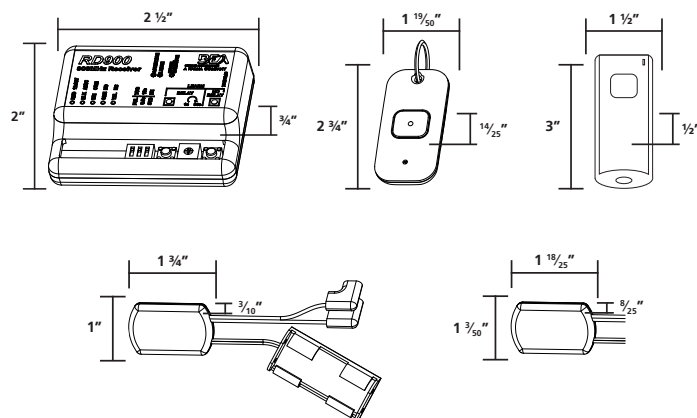
TECHNICAL SPECIFICATIONS

| | | |
|--|---|---|
| Frequency | 908 – 918 MHz (Frequency Hopping) | |
| Radio Control Type | Digital | |
| Power Consumption | | |
| Standard | 30mA (TX) / 40mA (RX) | |
| Industrial | 13mA (TX) / 40mA (RX) | |
| Retrofit | 22 mA | |
| Universal | 30mA | |
| Supply Voltage | 12 – 24 VAC / VDC | |
| Contact Rating | 1.0 A @ 30 VDC 0.3 A @ 60 VDC 0.5 A @ 125 VAC | |
| Operating Temperature | 14 – 131 °F (-10 – 55 °C) | |
| Transmitter Capacity (per receiver) | | |
| Programmable (standard) | 75 | |
| Universal | Unlimited | |
| LEDs | Receivers: Red (Receiver learn) Blue (Relay activation) Tri-color (Signal strength) | Transmitters: Red = Transmitting Red Blinking = Low Battery |
| Dimensions | | |
| 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 5/25" (H) | |
| Receiver | RD900: 2 1/2" (W) x 2" (D) x 3/4" (H) | |
| Norm Conformity | 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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