

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.

FEATURES & BENEFITS

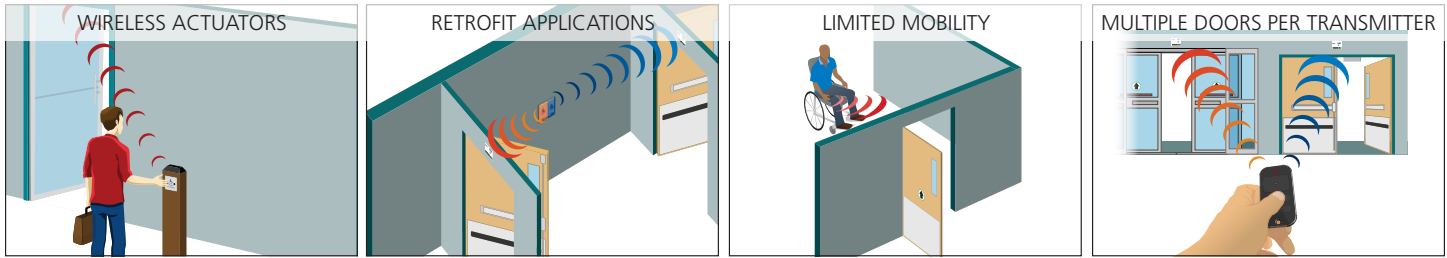
- A combination of the industry's most compact 900 MHz transmitters and receiver for optimal installation convenience
- Multi-color LEDs on receiver provide installer with visual notification of signal strength and activation status
- Frequency hopping allows consistent transmission in areas with other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



BEA, Inc.
RIDC Park West
100 Enterprise Drive
Pittsburgh, PA 15275-1213

Customer Service: 800.523.2462
Technical Support: 800.407.4545
www.BEAinc.com

APPLICATIONS



TECHNICAL SPECIFICATIONS

Frequency 908 – 918 MHz (frequency hopping)

Emitted Radio Power –25 dBm (TX)

Power Consumption

RD900	40 mA
TD900HHx	30 mA
TD900PB	30 mA
TD900TR	22 mA

Supply Voltage 12 – 24 VAC / VDC

Contact Rating
1.0 A @ 30 VDC
0.5 A @ 125 VAC
0.3 A @ 60 VDC

Temperature Range 14 °F – 131 °F (–10 °C – 55 °C)

Programmable Units Per Receiver 75

LEDs

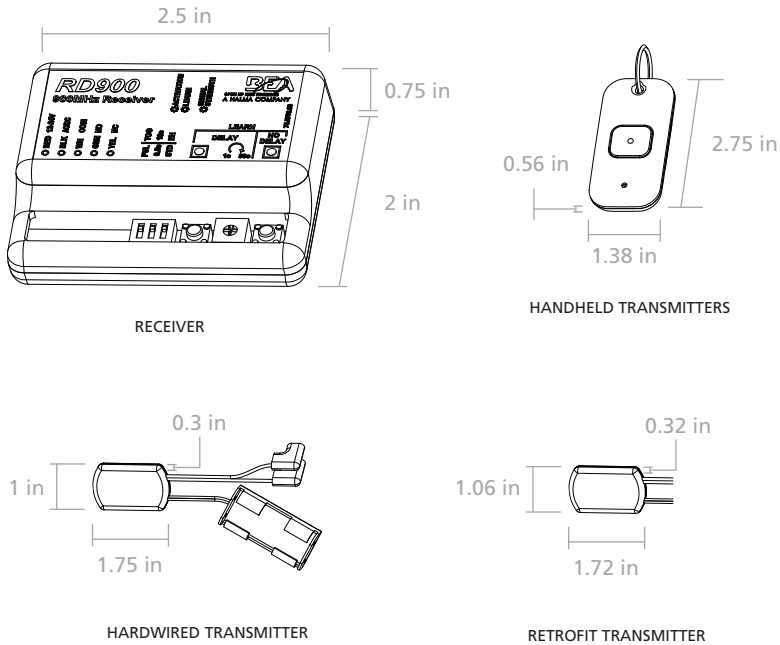
Red	Receiver learn
Blue	Relay activation
Tri-color	Signal strength

Dimensions

RD900	2.5 in (W) x 0.75 in (H) x 2.0 in (D)
TD900HHx	2.75 in (W) x 0.56 in (H) x 1.38 in (D)
TD900PB	1.75 in (W) x 0.3 in (H) x 1.0 in (D)
TD900TR	1.72 in (W) x 0.32 in (H) x 1.06 in (D)

Certification FCC, IC

DIMENSIONAL DRAWINGS



RELATED PRODUCTS



10RD900
900 MHz RECEIVER
MODULE



10TD900HH1
1-BUTTON
TRANSMITTER



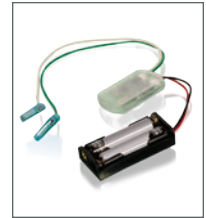
10TD900HH2
2-BUTTON
TRANSMITTER



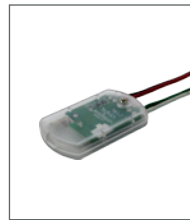
10TD900HH3
3-BUTTON
TRANSMITTER



10TD900HH4
4-BUTTON
TRANSMITTER



10TD900PB
HARDWIRED
TRANSMITTER



10TD900TR
900 MHz RETROFIT
TRANSMITTER

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