

LAZERPOINT RF™
BY CAMDEN



LAZERPOINT RF™ 915MHZ. WIRELESS DOOR CONTROL SYSTEM

DESCRIPTION

Lazerpoint RF™ introduces the many advantages of 915MHz. spread spectrum wireless technology to the automatic door market. The system encompasses the widest range of transmitters, receivers, activation devices and switch enclosures available today.

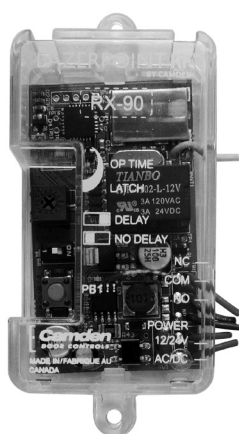
Lithium batteries recommended for environments below 0°C (32°F).

APPLICATION

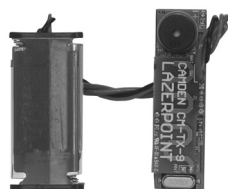
Lazerpoint RF™ 915 Mhz. spread spectrum wireless systems are designed for use with any automatic door operator. The system offers exceptional reliability and a complete wireless activation solution, whether in new construction or retrofit (with the option to utilize existing fixed frequency transmitters), Lazerpoint RF™ technology is also utilized with other wireless activation devices, including CM-120 Series keypads and CM-330 Series Hands Free switches. Lazerpoint RF™ is designed to reduce the cost of installation with a range of exclusive features, including door sequencing, which eliminates the need to purchase a separate door control relay.

SYSTEM FEATURES

- LAZERPOINT RF™ IS COMPATIBLE WITH ALL AUTOMATIC DOOR OPERATORS.
- ADVANCED 915MHZ SPREAD SPECTRUM (BROADBAND) WIRELESS
- MULTI-YEAR BATTERY LIFE (USING INEXPENSIVE 'AAA' ALKALINE BATTERIES) AND EXCLUSIVE 'LOW BATTERY', 'GAS GAUGE' AND 'STUCK SWITCH' AUDIBLE ALERTS.
- NEW CM-RX-90 ADVANCED RECEIVER, WITH 1 RELAY, FEATURES 3 MODES (DELAY, NON-DELAY & LATCHING). IDEAL FOR VESTIBULE APPLICATIONS.
- RX-92 RECEIVER MODEL WITH TWO CHANNELS PLUS 6 OPERATING MODES; SAVES TIME AND MONEY BY AVOIDING THE COST OF BUYING AND INSTALLING ADDITIONAL COMPONENTS.
- OPTIONAL PLUG-IN RECEIVER MODULES PROVIDE COMPATIBILITY WITH OTHER RF FREQUENCIES.
- 'PUSH AND LEARN' TRANSMITTER ENROLLMENT AND SIGNAL STRENGTH INDICATORS, MAKES LAZERPOINT RF™ THE EASIEST SYSTEM TO INSTALL
- ULTRA COMPACT SWITCH TRANSMITTER FITS ANYWHERE, INCLUDING JAMB BOX.
CM-TX9: 2 1/4" X 5/8" X 3/8"
(57MM X 16MM X 10MM)
- ULTRA COMPACT RECEIVERS CAN BE MOUNTED IN DOOR OPERATOR CABINETS.
CM-RX-90: 2-5/8"L x 1-1/2"W x 1"D
(67MM X 38MM X 25MM)
- COMPACT ADA COMPLIANT 1, 2 AND 4 BUTTON KEY FOBs.
CM-TXLF 1/2/4:
2 9/16"L x 1 9/16"W x 5/8"D
(65MM X 40MM X 16MM)
- INNOVATIVE FOB BASE FOR WHEELCHAIR, VISOR, BELT OR WALL MOUNTING.
CM-TXLFB: 4"L x 1 5/8"W x 3/4"D
(102MM X 42MM X 19MM)
- PLUG-IN LAZERPOINT RF™ WIRELESS TRANSMITTER MODULE FOR CM-120 SERIES DIGITAL KEYPADS AND CM-330 SERIES HANDS FREE SWITCHES
CM-TX99: 1 9/16"L x 9/16"W x 5/16"H
(40MM X 15MM X 8MM)
- CAMDEN PRODUCT QUALITY BACKED BY A FULL 3 YEAR REPLACEMENT WARRANTY



LAZERPOINT RF™ WIRELESS
DOOR ACTIVATION SYSTEM,
RX-90 RECEIVER

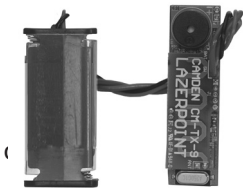


CM-TX9 TRANSMITTER

LAZERPOINT RF™ TRANSMITTER FEATURES

CM-TX9 SINGLE CHANNEL TRANSMITTER

- AUDIBLE BATTERY TEST, LOW BATTERY AND STUCK SWITCH INDICATION
- 'INSTANT RESPONSE' CAPTURES BRIEF SWITCH ACTIVATIONS
- COMPATIBLE WITH ALL PUSH BUTTONS AND PUSH PLATES
- READILY AVAILABLE 'AAA' BATTERY OPERATION
- OPTIONAL LITHIUM BATTERIES ARE RECOMMENDED WHERE OPERATING TEMPERATURES ARE BELOW 32°F (0°C)



FIXED FREQUENCY RECEIVER DAUGHTERBOARDS

- 300MHZ, 318MHZ, 390MHZ AND 433MHZ RECEIVERS ARE COMPATIBLE WITH MOST BRANDS OF FIXED FREQUENCY WIRELESS SYSTEMS. CONTACT CAMDEN FOR CONFIRMATION OF COMPATIBILITY WITH YOUR SYSTEM.
- PLUG-IN DESIGN. UP TO 2 FIXED FREQUENCY DAUGHTERBOARDS CAN BE INSERTED INTO A RECEIVER, FOR A MAXIMUM OF 3 WIRELESS FREQUENCIES ON ONE RECEIVER (CM-RX92)

OPERATING MODES

CM-RX-90

MODE 1	DELAYED (1-15 SECOND DELAY)
MODE 2	NO DELAY (1-30 SECOND HOLD OPEN)
MODE 3	LATCHING

CM-RX-91

MODE 1	ACTIVATION (1-30 SECOND HOLD OPEN)
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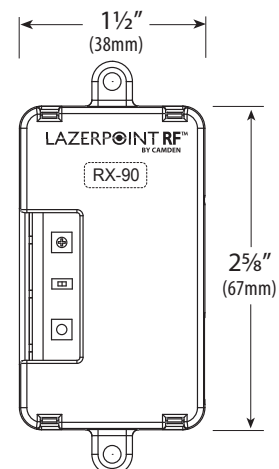
CM-RX-92

MODE 1	DUAL INDEPENDENT RELAY CONTROL
MODE 2	SWITCHING (MAKE/BREAK RELAY)
MODE 3	VESTIBULE, BI-DIRECTIONAL WIRED SEQUENCING
MODE 4	VESTIBULE, USING 2 CM-RX-92 RECEIVERS
MODE 5	ACCESS CONTROL, SIGNAL INPUT
MODE 6	FREIGHT DOOR, TIMED LOCK OUTPUT

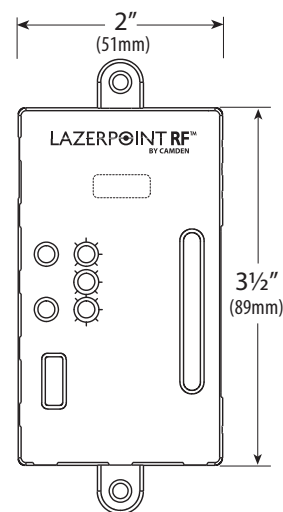
SPECIFICATIONS

CM-RX-90, CM-RX-91 & CM-RX-92

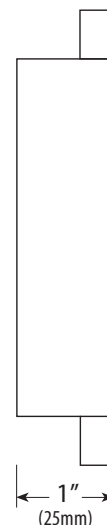
TRANSMITTER CAPACITY:	40
ENCLOSURE:	CLEAR PLASTIC CASE
VOLTAGE:	12/24V, AC/DC
RESPONSE TIME:	3 - 200 MS
LED'S:	INDICATE: RELAY STATUS, LEARN MODE, ERASE MODE & TIME SETTING
OUTPUTS:	CM-RX-90: (1) SPDT RELAY, 3 MODES CM-RX91: (1) SPDT RELAY, 1 MODE CM-RX92: (2) SPDT RELAYS, 6 MODES
CONTACT RATING:	3 AMPS @ 30 VDC
OPERATING TIME:	1 - 30 SECONDS
DELAY TIME:	1 - 15 SECONDS
TEMP RATING:	-40°F TO 185°F (-40°C TO +85°C)
MOUNTING:	SCREWS OR VELCRO
DIMENSIONS:	CM-RX-90: 2 5/8" H X 1 1/2" W X 1" D (67mm x 38mm x 21mm) CM-RX-91/92: 3 1/2" H X 2" W X 1" D (89mm x 51mm x 25mm)



CM-RX-90
RECEIVER - FRONT VIEW



CM-RX-91/CM-RX-92
RECEIVERS - FRONT VIEW



RECEIVERS - SIDE VIEW

SPECIFICATIONS

CM-TX-9 TRANSMITTER

TRANSMIT FREQUENCY: 905.25 / 915.25 / 925.25 MHZ.
(SPREAD SPECTRUM TECHNOLOGY)

CODES: 1 MILLION UNIQUE (20 BIT) CODES

DIMENSION: 2 1/4" H x 5/8" W x 3/8" D
(57mm x 16mm x 10mm)

MOUNTING: DOUBLE SIDED FOAM TAPE

SWITCH CONNECTION: 2" x 10" LEADS WITH 1/4" QUICK DISCONNECT
TERMINATIONS

BUILT-IN PIEZO SOUNDER: USED FOR LOW BATTERY STATUS, BATTERY GAUGE, AND
STUCK SWITCH INDICATOR

POWER: (2) 'AAA' ALKALINE BATTERIES (SUPPLIED)
(2) 'AAA' LITHIUM BATTERIES (OPTION)

BATTERY LIFE: MINIMUM 500,000 OPERATIONS

RANGE: OVER 500 FT (152M), OPEN AREA

TEMPERATURE RATING: -40°F TO 185°F (-40°C TO +85°C)

