

The Evolution of Industrial Wireless Control

The EV1-RX and EV1-TX
Versatile and Durable
Receiver and Transmitter
Control Systems

The
Affordable
Alternative



- 8 Functions
- 200 feet/60 meter Range
- IP67; NEMA 4X Certified
- FCC, ISC, CE and ROHS Compliant
- 10 Amp Contacts
- 1 Million Cycle Switches
- 2 Year Unconditional Warranty

SWi
SECURE WIRELESS INDUSTRIAL

EV1 Specifications:

System

Functions	8 Digital on / off Transmitter 4 rocker switches Receiver 9 relays
Safeguard	2 watchdog circuits Relay isolation
Frequency	433.92 MHz
Modulation	Amplitude Modulation
Data	Manchester encoded
Response Time	60ms
Data Security	16,777,216 Unique Addresses 16 Bit CRC
Operating Range	200 Feet
Sealing Rating	IP67 NEMA 4X
Transmitter Learn	Plug and play transmitter to receiver
Temperature Range	-40 to 70 degrees C
Approvals	FCC, ISC, CE RoHs Compliant

Transmitter

Size	4.15" (105.3mm) x 2.17" (55mm) x 0.86" (21.8mm)
Weight	3.5 oz with batteries
Diagnostics	Red status / low battery LED
Labeling	Serial #, Model #, Approvals
Antenna	Internal
Batteries	2 x 3V lithium CR2450
Battery life	40 hours continuous operation

Receiver

Size	4.7" (119.5mm) x 4.59" (116.4mm) x 1.7" (44mm)
Weight	13oz
Wire Harness	14oz
Diagnostics	Red status / signal LED Green power LED
Supplied Voltage	9 - 30VDC
Inputs / Outputs	4 form C 4 form A 1 form C supervised by watch dog circuit
Contact Current	10A maximum through any single contact
Protection	
Fusing	5 @ 10A common I/O 1 @ 1A Radio input
Diode	Reverse Polarity Protection
I / O Connector	Amp 26 Pin sealed
Antenna	BNC Rubber Duck