

Safely stop any system from a remote location



Capability

Intervene immediately from a safe distance.

- Provide long-range emergency stop capabilities to existing systems
- Easily extend your current Emergency Stop System
- Compatible with fixed emergency stops
- Monitoring via USB, CAN or serial interface



SafetySense®

For large systems where the stakes are high

- Redundant monitoring hardware ensures no single point of failure
- IP65 enclosure takes harsh conditions
- Dual E-Stop Input and Output loops
- Designed to meet ISO 13849 PLd Cat 3

Wireless Communications	
Frequency Options	900 MHz FHSS, 2.4 GHz FHSS (other frequencies available)
Encryption Options	AES 128 Base, 256 Optional
Range	1000 ft
Transmit Power	100 mW (Higher power available)*
Latency	<300 ms
	* Based on radio configuration

Transmitter Specifications	
Battery Life	12 Hours + Operates while charging
Operating Temperature	-20°C to 60°C
Ingress Protection	IP65
Input Voltage (Charging)	5V DC (USB)
Weight	1.0 Lbs
Approximate Size	6.4" x 1.95" x 1.95"
Indicator LEDs	Battery / Connection / E-Stop Status

Receiver Specifications	
Emergency Stop Input	Dual Input Loop (2NC)
Emergency Stop Output	Dual Open Drain
Input Power	8-24V
Operating Temperature	-30°C to 80°C
Ingress Protection	IP66
Radio Connector	RP-SMA
Approximate Size	3.2" x 2.2" x 0.9"
Indicator LEDs	Connection / E-Stop Status

Ordering Options	
WES-001-(F)	Wireless Emergency Stop System including Receiver and cables
WES-002-(F)	System with OEM Receiver: board and radios only, no enclosure
VIC-002	36-inch pigtail I/O connector
(F) = Radio Selection	900: 900MHz FHSS AES128 100 mW 240: 2.4GHz FHSS AES128 100 mW ** (other frequencies available)

