SafetySense®

For large systems where the stakes are high

- Drop & abandonment detection
- Hardware-based system monitor ensures no single point of failure
- Customizable startup procedure reinforces your safety standards
- Active emergency stop
- IP67 enclosure takes harsh conditions
- GPS for operator localization
- Designed to meet ISO 13849 PLd Cat 3

Ergonomics

Cumbersome controllers are a thing of the past

- Designed to fit naturally in user's hand
- Lightweight for all-day comfort
- Textured rubber grips for traction
- Buttons and sticks placed intuitively for easy finger manipulation

Capability

Advanced features, customizable for the application

- USB, Serial, and CAN Interfaces
- Feedback loop with LCD display
- Multiple operational modes with customizable controls for each
- Variable sensitivity controls
- Dynamic re-pairing with receivers
- 1000+ foot range; Custom configurable
- Programmable vibratory feedback

Wireless Communications	
Frequency Options	900 MHz FHSS, 2.4 GHz FHSS (other frequencies available)
Encryption	AES 128 Base, 256 Optional
Range	1000ft
Transmit Power	100 mW (Higher power available)

Transmitter Specifications	
Battery Life	12 Hours + Operates while charging
Input Voltage (Charging)	5V DC (USB)
Operating Temperature	-10ºC to 60ºC
Ingress Protection	IP67
Ruggedness	Designed to MIL-STD-810
Controls	6 Analog / 8 Digital
Weight	1.1 Lbs

Receiver Specifications	
Data Interface	RS232, USB, CAN-J1939
Emergency Stop Input	Dual Input Loop (N/C, N/C)
Emergency Stop Output	Dual Open Drain
Input Power	8-24V
Operating Temperature	-10°C to 60°C
Ingress Protection	IP66
Radio Connector	RP-SMA
Approximate Size	3.2" x 2.2" x 0.9"

SRCS Ordering Options	
SRC-001-(F)-(C)	Safe Remote Control including Charging Cable
VSC-002-(F)-(I)	Receiver kit with USB cable and 36-inch pigtail I/O connector
VSC-003-(F)-(I)	OEM Receiver kit: board and radio only, no enclosure or cables
(I) = Interface Selection	USB, UART, CANJ1939
(C) = Color code (body/overmould color)	T: Tan/Black Y: Yellow/Black Custom colors available
(F) = Radio Selection	900: 900MHz FHSS AES128 100 mW 240: 2.4GHz FHSS AES128 100 mW

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