

SAFE REMOTE CONTROL PRO

Data Sheet



Enable remote machine operation and emergency stop



Control up to 30 machines, one at a time, using a single remote

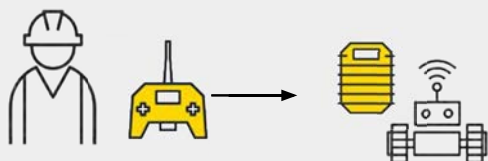


Increase workplace safety and reduce damage, injuries, downtime

Wireless Control for Any Machine

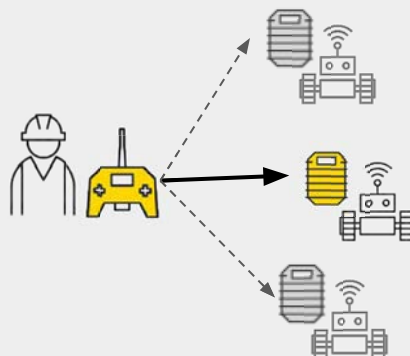
FORT's Safe Remote Control Pro (SRC Pro), part of the FORT Pro Series, is an easy-to-use controller designed to wirelessly operate machines. Take temporary manual control, or stop a machine remotely. One Safe Remote Control Pro can be used to safely control a fleet of machines, reducing equipment costs and boosting productivity.

Operate a Machine With a Wireless Controller



Pair the Safe Remote Control Pro with the FORT Endpoint Controller for safe manual machine operation and emergency stop over ISM Radio or Bluetooth Low Energy

Use One Controller With Up To 30 Machines



From one Safe Remote Control Pro, control up to 30 Endpoint Controller equipped machines, one at a time

Safe Remote Control Pro Features

Wirelessly control up to **30 machines** equipped with FORT Endpoint Controllers, one at a time, using Bluetooth or ISM Radio

Work in harsh environments with **rugged design** and IP65 rated enclosure, operating from -20°C to 60°C

Protect against security threats with tamper resistant hardware, secure element for root of trust, and digital signature verification for boot, configuration, and updates

Avoid human error with customizable drop, orientation, and inactivity detections that can pause the remote when activated

Customizable display to show up to 5 lines of data that it obtains from the EPC CAN bus, such as machine speed and temperature

FORT Manager

Easily manage, configure, and update your FORT devices via our web app or APIs



FORT Manager accelerates safe, secure machine deployment.

- Onboard and manage FORT devices
- Build device-to-device configurations
- Manage organizations, users, and permissions

FORT Manager is **accessible via:**

Web App: convenient drag-and-drop device configuration with no coding required **APIs:** build integrations between FORT Manager and your applications

The Safe Remote Control Pro comes with 3 years of access to the FORT Manager Web App and APIs. Learn more at fortrobotics.com/fort-manager

Guardian Warranty

Hassle-free protection for your FORT devices

The optional **Guardian Protection Plan** helps you get the most out of your FORT devices. With hassle-free support and free repairs, Guardian gives you peace of mind and protection from unexpected costs or downtime. Ask your sales representative for more information.

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Safe Remote Control Pro TECHNICAL SPECIFICATIONS

	SRC Pro 1000	SRC Pro 1001	SRC Pro 1002
Device Form Factor	wireless handheld controller		
Dimensions (no antenna)	181mm x 155mm x 83mm, 7.14” x 6.1” x 3.23”		
Base Unit Weight	726g, 1.6lb		
Operating Temperature	-20°C to 60°C		
Operating Voltage	battery powered		
Charging Voltage	5V DC @ 2A (USB)		
Charging Temperature	charges at 0°C to 45°C		
Battery Life	Up to 18 hours		
Connectors	mini USB-B		
Inputs	emergency stop, 8 buttons, 2 x 1-axis finger sticks, 2 x 2-axis joysticks		
Enclosure Rating	IP65		
Pairing	1 SRC Pro : 30 Endpoint Controllers		
Management Console	FORT Manager Web App		
Secure device boot up	cryptographic boot and firmware image verification		
Secure Element	SE050 NXP chip		
Signature verification	for configurations and firmware updates		
Regulatory	pending FCC (US) and IC (CA) compliance, CE mark (EU)		
Certification	E-stop functionality pending Exida SIL-2 rating per IEC 61508		
COMMUNICATION INTERFACES			
Bluetooth Low Energy (BLE)	included		
BLE Range	30m line-of-sight		
ISM Radio Add On Options	—	9xx MHz (NA) 902 - 928 MHz	868 MHz (EU) 869.4 - 869.65 MHz
Max ISM Range	—	1km line-of-sight	1km line-of-sight
Output Radio Transmission Power	ISM: 500mW, BLE: 2.5mW		