

SRoC Tab 5

Samsung Active Tab 5 Version

The SRoC (Soldier Robotic Controller) series by UXV Technologies stands at the forefront of innovation as a tactical handheld controller for defense robotics and unmanned systems operating in challenging environments. Engineered for robustness, reliability, and advanced functionalities, the SRoC serves as a ruggedized ground control station. It offers a standardized, highly adaptable solution by interfacing with our cutting-edge Swappable Radio Modules (SRM) and the Nett Warrior connector. The SRM design allows operators to easily interchange radio modules and in addition to its internal battery, the SRoC supports two Swappable Battery Modules (SBMs) for easy power expansion. Its user-centric design not only ensures a seamless experience but also delivers an immersive interface, emphasizing control and safety for operators.

Mechanical

Finish	Soft touch coated ABS
Weight	2.74 lbs / 1243 g
Weight excluding Tablet	1.79 lbs / 813 g
Dimension	11.10 × 5.11 × 2.55 inches / 282 × 140 × 65 mm
Mounting	Chest Mount Available

Electrical

Charging	USB-C (Tablet only), Nett Warrior (Tablet + Attached accessories)

Human Interfaces

Front side	1 × 5D joystick, 2 × 2-Axis Hall-effect joysticks, 4 x push buttons, 12 x bezel buttons
Backside	2 x operator presence buttons
Top	2 × 1-Axis joysticks, 2 x push buttons with flip guard

Suggested Accessories

Case	SRoC Tab 5 Rugged Case
Mount	SRoC Chest mount, 4 Point Shoulder Harness
Battery	2x Swappable Battery Module
Network	Pico Hub, Hexa Hub, SBCM
Power	Nett Warrior Wall plug
Battery accessories	SBM Charger Two Slots

Security

Trusted Boot	ARM® TrustZone® (Built-in)
Functional Safety	Add on board optional

Connections

USB-C	USB 2.0* (Available only when SRoC Tab 5 is turned off)
Nett warrior port	EUD compatibility with Nett warrior interface
SBM slot	Hot Swappable dynamically balancing ruggedized battery port
SRM Sledge	Swappable Radio Module with common mechanical and electrical interface

Environmental

Built To standards	MIL-STD-810-H
Ingress rating	IP65
Compliance	CE, ROHS compliant
Operating temperature	-20 C to +50 C (*Charging above 10 C)

Included in the box

Soldier Robotic Controller (Samsung Active Tab 5 not included)
SRoC User guide