



# SRoC

## 7" Android Version 1

The SRoC (Soldier Robotic Controller) 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	2.04 lbs / 927 g
Dimension	10.08 × 5.11 × 2.68 inches / 256 × 140 × 68 mm
Mounting	Chest Mount Available

### Electrical

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

OS	Android 11
CPU	Qualcomm® SDM660 2.2GHz/ 1.843GHz Octa-core
Memory	4GB (LPDDR4)
Display	7" WXGA 1280 × 800 • 10-point capacities multi touch with glove touch modes – Display with direct bonding – Automatic screen rotation – Anti-reflective (AR) screen treatment – 750nit

### Suggested Accessories

Case	SRoC Pelicase
Mount	SRoC Chest mount
Battery	2x Swapable Battery Module
Mount	4. Shoulder Harness
Network	Pico Hub
Power	Nett Warrior Wall plug
Battery	2 Bay SBM charger

### Human Interfaces

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

### Security

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

### Connections

USB-C	USB 3.0 Type-C® host (OTG, BC 1.2, DP, HDMI)
Nett warrior port	EUD compatibility with Nett warrior interface.
SBM slot	Hot Swappable dynamically balancing ruggedized battery port
SRM Siedge	Swappable Radio Module with common mechanical and electrical interface.

### Enviromental

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

### Included in Box

Soldier Robotic Controller
SRoC User guide



5.0 ROBOTICS is an Estonian deep-tech startup that provides robotic automation solutions for all, combined with advanced AI and a rapid focus on R&D. We regionalize production, ensuring lightweight, adaptable, and affordable manufacturing systems. With our technology we are already positively impacting the manufacturing landscapes of Europe, Asia Pacific and North America. Our solutions are supplied to a diverse clientele, from SMEs to a leading British F1 racing team, an e-commerce giant and a U.S defence sector producer.

**SENSUSQ**<https://www.sensusq.com/>  
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SensusQ provides an intelligence management software system used in NATO states and in Ukraine which allows the fusion of data from a variety of multi-domain sources, such as drones, satellite imagery, social media, sensors, and mobile app reports. It then uses an ontological model to turn this raw data into objects, events, and relationships between them. This allows decision-makers to consume intelligence in a clear and concise way so that they can make informed decisions quickly and efficiently.

**WAYREN**<https://wayren.ee/>  
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Wayren is developing a resilient multi-domain communication platform for austere environments. Our platform features efficient data synchronization capable of functioning with over 85% packet loss and integrates a range of connectivity technologies, including IP, DMR, LoRa, and Bluetooth. Wayren's platform can be deployed as an ATAK plugin or integrated with existing systems, enabling practical soldier digitalization, sensor-to-shooter, and JADC2 capabilities.

**KRATTWORKS**<https://www.krattworks.com/>  
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KrattWorks offers a 3-pound multirotor drone with jamming-resistant multi-band radio and GNSS-free capabilities. The drone is developed based on the lessons learned from Ukraine and is suitable for the governmental sector worried about data breach issues associated with Chinese drones. The drone helps firefighters, first responders, police and the defense units gain fast situational awareness in situations where every second counts. They also offer aerial target drones, which include fast-moving fixed-wing drones that can reach speeds exceeding 120 mph. These drones are utilized for practicing missile, autocannon, and heavy machine gun targeting exercises. Additionally, KrattWorks provides small multirotor targets for counter drone drills with rifles.

**DEFSECINTEL SOLUTIONS**<https://www.defsecintel.com/>  
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DefSecIntel Solutions is developing and manufacturing turn-key autonomous surveillance & control and C-UAS solutions with AI-assisted technology. All systems are equipped with AI-powered C2 systems. Our systems are modular, purpose-built, and designed for different missions and end-user needs. Our AI-powered systems are combat-proven, including being deployed in Ukraine.

**LENDURAI**<https://lendurai.com/>  
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Lendurai is developing autonomous capabilities for unmanned aerial vehicles to operate without satellite navigation and radio communications. This enables efficient operations even in environments where satellite and control communications are disrupted. The company was founded by experienced machine learning engineers with backgrounds in technology (Siim Maivel, Bolt) and the space industry (Mark Cowan, Open Cosmos & Bolt), and it serves clients in the defense industry and the civil sector.



**VEGVISIR**

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Vegvisir offers a mixed-reality situational awareness system, providing a 360-degree view for platforms with limited visibility using camera modules, a low-latency headset, and data overlays. Enhancing decision-making in combat, it's versatile for armored vehicles, unmanned platforms, and naval vessels.

Vegvisir seeks a U.S. partner to tailor solutions for the local market, aiming to eventually manufacture in the U.S. and equip Armed Forces' vehicle platforms.

**HEVI OPTRONICS**

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Hevi Optronics is designing and developing precision-engineered electro-optical sensor systems for commercial and defence applications. We are integrating the latest sensor technologies and video enhancement algorithms into a modular system architecture. We provide stand-alone and turn-key solutions for Air, Land, Sea and Surveillance markets and offer relevant support and system integration services.

**MILREM ROBOTICS**

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Milrem Robotics is a leading developer of robotics and autonomous systems and systems integrator. The company provides concept development and experimentation (CD&E) services. Milrem Robotics has offices in Estonia, Finland, Sweden, the Netherlands, and the US. The company's goal is to become a trusted partner of the US armed forces in the field of robotics and autonomous systems.

**THREOD SYSTEMS**

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Threod Systems is a developer and producer of Unmanned Aircraft Systems (UAS) which includes both fixed-wing and VTOL Unmanned Aerial Vehicles (UAV), Electro-Optic payloads for intelligence and surveillance applications as well as many other critical sub-systems required to successfully operate UAVs. Threod Systems also develops a variety of systems including C4I solutions, communication systems, training and simulation system and many more. Threod Systems also offers world-class engineering and manufacturing services for the defense and commercial sectors.

**NORD ARM**

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Nordic Armoury is developing and manufacturing products and solutions for the Defence and Law Enforcement sectors. Our portfolio includes armament-based training equipment, cable reels and drums for electrical and signaling purposes, weapon components, weapon accessories, weapon upgrades, machine gun mounts, vehicle upgrades, and many more products and solutions. In addition to supporting our own production, providing subcontracting services has been our priority for years.

**TOCI**

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Toci is specializing in metalwork and mechanical engineering, offering comprehensive solutions for international markets. With nearly 20 years of experience, including over 10 years of collaboration in the defense sector, our service range includes mechanical engineering, defense industry solutions, special-purpose containers, and vehicle superstructures. Our engineering services and in-house machinery enable rapid development and prototyping for bespoke projects. We are committed to continuous development, as demonstrated by our ISO certifications and the AQAP standard.