

SROC TAB 5 CONTROLLER

SKU: BYE-CTRL-SROC

The SRoC (Soldier Robotic Controller) is a tactical handheld controller for defense robotics and unmanned systems operating in challenging environments.

Supplier: UXV & Samsung



TECHNICAL SPECIFICATIONS

SRoC Tab 5

Tablet	Fits Samsung Galaxy Tab Active 5 tablet, included in the Blueye SRoC Controller
Size	256 x 140 x 68 mm
Weight	927 g
Finish	Soft touch coated ABS

Interfaces

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

Electrical

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

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 Sledge Swappable Radio Module with common mechanical and electrical interface

Environmental

Built to standards MIL-STD-810-H

Ingress rating IP65

Compliance CE, ROHS

Operating temperature -20°C to 50°C (Charging above 10°C only)

Samsung Galaxy Tab Active 5 tablet

Product Type Robust Android Tablet

Dimensions 126.8 x 213.8 x 10.1

Weight 433 g

Enterprise Edition 1 year of Knox Suite, 3-year product lifecycle, 5-year Security Maintenance Release

Operating System Android

CPU Octa-Core

Processor Octa Core (2.4GHz, 2GHz)

S Pen Yes

Memory 6GB, 128GB

External Memory microSD (Up to 1TB)

Display 8", TFT LCD, 1920 x 1200 (WUXGA)

Viewability 600 nits

Camera Rear: 13 MP
Front: 5 MP

USB Port USB-C

Connectivity 802.11a/b/g/n/ac/ax 2.4GHz+5GHz, HE80, MIMO, 1024-QAM

Wi-Fi 6 802.11 a/b/g/n/ac/ax

Wi-Fi Direct Yes

Mobile data 5G & Dual SIM

Bluetooth	5.0
Battery Capacity	5,050mAh (Replaceable), Fast Charging, No Battery Mode
MIL-STD	US Military Standard Compliant MIL-STD 810H
Anti Shock	Device Only: 1.5m / Device with Cover: 1.8m
IP Rating	Device and S Pen: IP68
Physical Buttons	Front: Home, Back, Menu / Side: Volume, Power, Programmable