

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

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|-------------------|--|
| 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

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

Security

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|--------------------------|--------------------------|
| Trusted boot | ARM TrustZone (Built-in) |
| Functional Safety | Add on board optional |

Connections

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|--------------------------|---|
| 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 |