

# 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

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

### Interfaces

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

### Electrical

<b>Charging</b>	USB C (Tablet only), Nett Warrior (Tablet + Attached accessories)
-----------------	-------------------------------------------------------------------

### Security

<b>Trusted boot</b>	ARM TrustZone (Built-in)
<b>Functional Safety</b>	Add on board optional

### Connections

<b>USB-C</b>	USB 3.0 Type-C host (OTG, BC 1.2, DP, HDMI)
<b>Nett warrior port</b>	EUD compatibility with Nett warrior interface
<b>SBM slot</b>	Hot Swappable dynamically balancing ruggedized battery port

---

<b>SRM Sledge</b>	Swappable Radio Module with common mechanical and electrical interface
-------------------	------------------------------------------------------------------------

---

### ***Environmental***

<b>Built to standards</b>	MIL-STD-810-H
---------------------------	---------------

---

<b>Ingress rating</b>	IP65
-----------------------	------

---

<b>Compliance</b>	CE, ROHS
-------------------	----------

---

<b>Operating temperature</b>	-20°C to 50°C (Charging above 10°C only)
------------------------------	------------------------------------------

---

### ***Samsung Galaxy Tab Active 5 tablet***

<b>Product Type</b>	Robust Android Tablet
---------------------	-----------------------

---

<b>Dimensions</b>	126.8 x 213.8 x 10.1
-------------------	----------------------

---

<b>Weight</b>	433 g
---------------	-------

---

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

---

<b>Operating System</b>	Android
-------------------------	---------

---

<b>CPU</b>	Octa-Core
------------	-----------

---

<b>Processor</b>	Octa Core (2.4GHz, 2GHz)
------------------	--------------------------

---

<b>S Pen</b>	Yes
--------------	-----

---

<b>Memory</b>	6GB, 128GB
---------------	------------

---

<b>External Memory</b>	MicroSD (Up to 1TB)
------------------------	---------------------

---

<b>Display</b>	8", TFT LCD, 1920 x 1200 (WUXGA)
----------------	----------------------------------

---

<b>Viewability</b>	600 nits
--------------------	----------

---

<b>Camera</b>	Rear: 13 MP Front: 5 MP
---------------	----------------------------

---

<b>USB Port</b>	USB-C
-----------------	-------

---

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

---

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

---

<b>Wi-Fi Direct</b>	Yes
---------------------	-----

---

<b>Mobile data</b>	5G & Dual SIM
--------------------	---------------

---

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