

Tomahawk™ Grip TA5



The Grip TA5 is Tomahawk's next-generation 8 inch tactical controller, built to enhance situational awareness and precision strike capabilities. Designed around the Samsung Tab Active5 Tactical Edition, the Grip TA5 delivers higher processing power, increased software security, and expanded networking capabilities from previous generation tablets. The Grip TA5 can support both ISR and fire control functions and features an expandable port to accommodate companion modules to support features such as safety-critical control. Its ergonomic enhancements, including improved contours and optimized button placement, ensure intuitive operation in high-stakes environments. With toolless USB-C access and a streamlined tablet installation process, the Grip TA5 offers a rugged, mission-ready solution for the modern warfighter.

_Specifications

[CONNECTIONS]

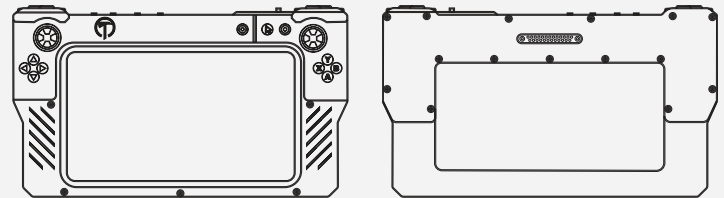
END USER DEVICE (EUD)	Samsung Galaxy Tab Active TA5 TE
WEIGHT	2.5 lbs [1.13 kg] for Grip and Samsung TA5 TE combined
DIMENSIONS	11.5 in x 6.6 in x 1.5 in [292.1 mm x 167.6 mm x 38.1 mm]
CHARGE/DATA USB-C PORT	External USB-C receptacle for data transfer/charging of EUD
NETT WARRIOR+ (NW+) INPUT PORT	Accepts NW power sources and provides downstream connection from EUD data connection
ACCESSORY INTERFACE	Pogo Pin Interface for external power in/out, digital I/O, USB and Ethernet ¹

[SECURITY]

TRUSTED BOOT	Firmware authentication: secure hash validation; Encryption: 256-bit Cipher
TRUSTED SIGNALING	Redundant hardware validation
SAFETY INTEGRITY LEVEL	SIL3 ¹
SAFETY CERTIFICATION	Direct Fire Weapon and Below ²

[ELECTRICAL]

EUD CHARGING	EUD fast charge up to 15 W via USB Power Delivery 3.0
GRIP POWER CONSUMPTION	0.17 W (standby) 0.65 W (enabled)
GRIP POWER SOURCE	EUD powers Grip when no external power source is available and automatically switches to a connected external source, which is routed out of an Accessory Interface
EXTERNAL DATA	USB 2.0, 10/100 Ethernet, Dedicated Digital I/O



_Key Features

- > 8 inch ruggedized controller optimized for precision strike & multi-domain operations
- > Safety certified to operate Direct Fire Weapons, Lethal Payloads, Loitering Munitions²
- > Supports ISR and fire control functions
- > Seamless integration with the Samsung Tab Active5 Tactical Edition, ensuring full compatibility with the Nett Warrior program
- > Enhanced software security & advanced networking capability
- > Ergonomic design with optimized button placement for ease of use
- > Simplified tablet installation for rapid deployment

[SOFTWARE]

CONTROLS	USB Human Interface Device
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[ACCESSORIES]

ACCESSORIES	External NW+ to NW Cable, ROWS Control Payload, MOLLE Chest Mount, etc.
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[ENVIRONMENTAL]

OPERATING TEMP	-20 to 50 °C per MIL-STD-810G
STORAGE TEMP	-40 to 71 °C per MIL-STD-810G
SHOCK & VIBRATION	MIL-STD-810G
INGRESS RATING	IP67
ELECTROMAGNETIC INTERFERENCE (EMI)	MIL-STD-461F CS114, CS115, CS116, RE102, RS103 MIL-STD-464C 5.3 (Ground)
ELECTROSTATIC DISCHARGE (ESD)	NATO standard AECTP-500, NCS12
WEATHER CONDITIONS	MIL-STD-810G: Sand & Dust, Salt Fog, Rain, Humidity, Thermal Shock, Chemical Exposure
COMPLIANCE	CE, RoHS

¹ Available on production version.

² With additional accessory.