



Rugged Display & Controller

Rugged Tactical Display For Warfighters

You're Already Carrying The Computer - Now Connect The Display

An EUD for End Users – Your direct interface to the networked battlefield. Complete situational awareness is now at your fingertips. Connect the RDC to the MPU5 to enable Command & Control of unmanned systems, TAK operations, streaming HD video, Wave Relay® MANET configuration, and more.

Integrated, Low SWaP Solution

- Eliminate excess cabling.
- MPU5 functions as USB Hub - No external USB Hub required.
- Powered by the MPU5 - no external power, configuration, or commercial cell phone required.

Designed For The Battlefield

- Ruggedised, IP68 rated design allows you to take the RDC anywhere.
- Physical buttons for no-look operation.
- Developer-supported app optimisation.
- Discreet digital signature – no Bluetooth, WiFi, LTE, near-field communication, and location sharing/tagging.
- Includes Juggernaut chest mount.

Drive, Fly, & Leverage Any Asset

- Interact with assets on a common network – the Wave Relay® MANET.
- Run apps from Ecosystem Partners directly on the MPU5 and control them with the RDC.

Streamlined Configuration Management

- No phone rootkit or micro-SD cards makes configuring your kit simple and easy.
- MPU5-based network-wide app and firmware upgrades.
- Eliminate the recurring annual costs of commercial cell phones.
- Provision nodes quickly with the Rapid Configuration Tool (RCT).



Specifications

Display Type	Thin-Film-Transistor Liquid Crystal Display (TFT).
Size	5.7 in. (14.5 cm).
Resolution	720 x 1280.
Aspect Ratio	9:16.
Orientation	Landscape & vertical.
Luminance	100% brightness = 429.72 nits. 75% brightness = 334.33 nits. 50% brightness = 215.87 nits. 25% brightness = 124.91 nits. 0% brightness = 12.00 nits.
Viewing Angle	± 80°.
Viewability	Direct sunlight viewable.
Contrast Ratio	900:1.
Backlight	Visible in sunlight.
Glass	2mm Gorilla® Glass.
Touchscreen	Projected Capacitive.
Camera	1 x 5MP Rear facing.
Joystick	2 x 2-Axis Joysticks.
Sensors	Accelerometer/Gyrometer, Compass, Temperature, Pressure, 2 x Light.
Buttons	14 Total buttons. Button spring force prevents unintentional activation by water pressure up to 20m.

Mouse Mode	Pressing the fn and A buttons simultaneously allows user to control cursor with left joystick and click with the A button.
Power Source	Powered by MPU5 – no additional battery required.
Power Consumption	0.47W (Screen off). 1.67W (100% brightness).
Dimensions	18.29 x 10.67 x 2.54 cm.
Weight	442 g.
Mounting	Includes Juggernaut Chest mount 1/4-20 threaded hole for tripod or other mounting system.
Interfaces	Connects to Dual PTT USB Port.
IP Rating	IP68.
Operating Temperature	-20° to +70°C .
Material	Aluminum.
Finish	Cerakote™
Colour	Flat Dark Earth.



Rugged_Display_&_Controller_For_Warfighters_Datasheet_08_2024_Rev2.pdf

Technical Specifications quoted are verified but do not indicate the maximum performance limitations of the equipment. Specifications are subject to change without notice. E & OE Issue A.

