Rugged Display & Controller

You're already carrying a computer - now connect a display.

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

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

DESIGNED FOR THE BATTLEFIELD

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

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)

ONE SOLUTION. INFINITE POSSIBILITIES.

PERSISTENT SYSTEMS

Specifications

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.

Display

Display Type
Thin-Film-Transistor Liquid Crystal Display (TFT)

Size
5.7 in.
14.5cm

Resolution
720x1280

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

Touch Screen

Technology
Projected Capacitive

Multi-Touch
5-point

Cameras

Location
(1) Rear-Facing

Resolution
5 MP

Electrical

Power Source
Powered by MPU5 – no additional battery required

Power Consumption
0.47W (Screen Off)
1.67W (100% brightness)

Environmental

IP Rating
IP68

Operating Temperature
-20° to +70°C

Features & Capabilities

Joysticks
(2) 2-Axis Joysticks

Sensors
Accelerometer/Gyrometer, Compass, Temperature, Pressure, 2x 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

Physical

Material
Aluminum

Finish
Cerakote™

Colour
Flat Dark Earth

Dimensions
18.29 x 10.67 x 2.47 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

Silicone-overmolded joysticks

Standard ABXY buttons

Four shoulder buttons

Brightness control

Standard Android™ buttons

Display On/Off

Modifier key

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Certified System
Quality
ISO 9001
SAI GLOBAL