

# **SMART TACTICAL NETWORKING**

- Onboard Wave Relay OS the MPU5 is your computer
- Install existing Android<sup>TM</sup> apps
- Run custom apps natively
- Connect & use USB devices

#### STAY CONNECTED ANYWHERE

- Uses the Wave Relay® MANET
- Designed for mass scalability no hop limits
- Rapid self-forming & self-healing
- True peer-to-peer no master node

## **CARRY LESS. DO MORE.**

- Network, voice, video, computer all in one device
- Eliminate extra batteries, LMRs, encoders, receivers & more
- More room for mission critical equipment

# INTERCHANGEABLE FREQUENCY MODULE

- State-of-the-art MIMO technology
- High reliability in complex environments
- Cost efficient and future-proof

## **STREAM HD VIDEO**

- Fully integrated H.264 HD video encoding/decoding
- Connect video cameras directly to the unit
- View multiple video streams simultaneously
- HD output for connection to HDMIcompatible displays
- Stream video and voice simultaneously

# RELIABLE VOICE COMMUNICATIONS

- Monitor up to 16 channels of voice
- Dual active PTT voice key 2 channels at once
- Voice channel prioritization & configurable talk groups

# INTELLIGENT RoIP TETHERING

- Integrated Radio Over IP (RoIP) functionality
- Bring your LMR radio onto the network
- Communicate across separate organizations seamlessly

NO NDA REQUIRED persistentsystems.com

# **SPECIFICATIONS**

# **Physical**

# **Dimensions (Chassis Only)**

1.5 x 2.6 x 4.6 in. 3.8 x 6.7 x 11.7 cm

#### Weight (Chassis Only)

13.8 oz 391 g

#### Coating

Black Anodized Meets MIL-A-8625-F, TYPE III, CLASS2

#### Mounting

(3) #4-40 0.15" Mounting Holes

# **Environmental**

**IP68** Certified

IPx8 Waterproof 30 mins @ 20m or 2 hrs @ 10m rating

IP6x Dustproof

### MIL-STD-810G

Shock/Vibe/Salt-Fog/Rain/ Humidity/Icing/Altitude/Solar Rad

#### MIL-STD-461F

RE/RS/CE/CS

#### **Operating Temperature**

- -40 $^{\circ}$  to +85 $^{\circ}$  C
- -40° to +185° F

# Manufacturing

Manufactured in USA ISO 9001:2015 Certified Designed to MIL-STD

#### **Commercial Compliance**

FCC/IC Certified Japan Type Approval RCM

# **Networking**

Advanced Wave Relay® multicast algorithms

Seamless Layer 2 network connectivity

Integrated serial-to-Ethernet capability

Cloud Relay™

IPv4 and IPv6 compatible Integrated DHCP server USB RNDIS Host and Device

# Security

Integrated Hardware Cryptographic Acceleration

CTR-AES-256 Encryption

HMAC-SHA-256 Authentication & Integrity

Utilizes CNSA Algorithms

Cryptographically authenticated Over-the-Air Rekey and Key Zero

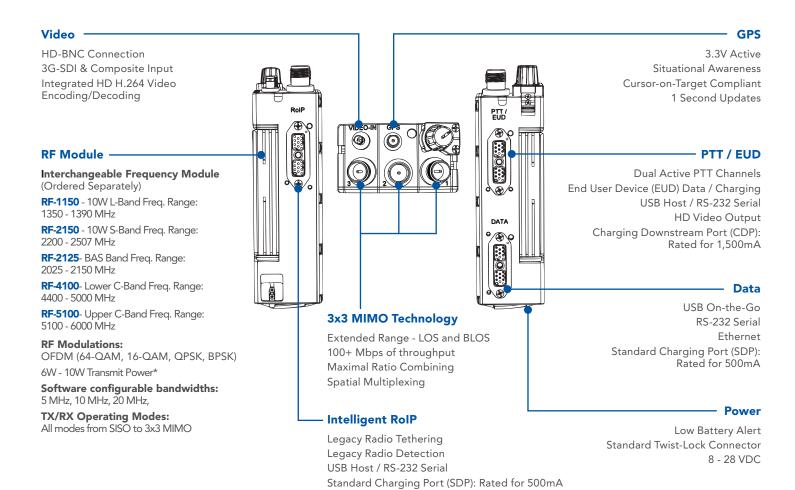
FIPS-140-2 Certified

Cloud Relay™

IPv4 and IPv6 compatible

Integrated DHCP server

USB RNDIS Host and Device



Any radio transmitting at 6W or above is for military or international sales only

NO NDA REQUIRED

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