



## Personal Transport 5 (PT<sup>5</sup>)

WR-PT5-0001

### THE NEXT EVOLUTION OF PERSISTENT CONNECTIVITY

The PT<sup>5</sup> is a dual-function accessory for the MPU5 that connects you and your team to the cloud via 5G and connects devices to the MPU5 via Wi-Fi.

#### GLOBAL & PERSONAL CONNECTIVITY

- 5G Cellular modem and dual Wi-Fi access points - simultaneously
- 5G connectivity designed for the MPU5 & Cloud Relay™
- Connect Wi-Fi devices to the MPU5 without cabling
- Delivers high throughput while minimizing power consumption

#### PERSONAL TRANSPORT FOR CLOUD RELAY

- Ruggedized, approved 5G cellular modem with FirstNet support.
- Designed for the MPU5 - no cables or additional batteries required
- Multi-carrier capable - supports physical SIMs & international roaming, including Band 14
- Leverage host nation cellular networks with two layers of NIAP-approved encryption

#### WARFIGHTER PERSONAL NETWORK

- Dual Wi-Fi 6e access points capable of simultaneous use of 2.4 and 5 GHz
- Up to 200 Mbps speeds
- 25 foot range
- Connect 10+ Wi-Fi devices to the Wave Relay® MANET without cabling
- DHCP Support
- WPA2 & WPA3 Security
- Randomized MAC addresses
- Random, non-attributable SSID generation
- SSID broadcast can be disabled

#### RUGGED & FLEXIBLE DESIGN

- Plastic housing designed to meet IP66 and MIL-STD-810
- Compatible with all MPU5 ports
- Mounts directly to MPU5 or via extension cable

#### LOW COGNITIVE LOAD

- Simple configuration at scale for automated deployment across teams
- PT<sup>5</sup> settings are managed by the MPU5, allowing team members to connect any PT<sup>5</sup> and their settings will be applied.
- MPU5 randomly assigns Wi-Fi channels, MAC addresses, and SSIDs to the PT<sup>5</sup>, simplifying configuration and maximizing performance.



#### NO NDA REQUIRED

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# SPECIFICATIONS

## Cellular

### Band

5G NR, LTE, LAA, WCDMA (DB-DC-HSDPA), TD-SCDMA, CDMA 1x, GSM/EDGE, CBRS

### Carrier

AT&T

AT&T FirstNet

Supports roaming

### Modem

Certified 5G

3GPP Release 16 compliant

### Antenna

Integrated Laser Direct Structure (LDS)

Antennas etched into plastic enclosure

### SIM

Nano-SIM tray

### 5G Chipset

Snapdragon® X62 Modem RF System from Qualcomm Technologies, Inc.

### 5G Spectrum

Sub-6 carrier aggregation (FDD-TDD, FDD-FDD, TDD-TDD), Dynamic Spectrum Sharing (DSS)

### 5G Modes

FDD, TDD, SA (standalone),  
NSA (non-standalone)

### Bandwidth

120 MHz

### Modulation

256-QAM

### Wireless

4x4 MIMO

### Process Size

4 nm

## Controls

### Interface

Wave Relay® Web Management Interface (WMI)

### Management

Network Status compatible

### Configuration

Network default compatible

## Environmental

### Operating Temperature

-20°C to +60°C

### Ingress Protection

IP66

### Ruggedization

Designed to MIL-STD-810

## Physical

### Dimensions

3.94 x 1.52 x 0.73 in.

10 x 3.85 x 1.85 cm

### Weight (PT<sup>5</sup> Device Only)

3 oz.

85.5 g

### Mounting

Direct to MPU5: Any Port

Extension Cable: Any Port

PTT Cable: PTT USB Port

### Material

Molded Plastic

### Color

Black

## Power

### External Power Required

No

### Max. Power Draw

2.4W

## Wi-Fi

### Version

802.11 a/b/g/n/ac/ax

### Bands

Dual Access Point (AP) - Can operate simultaneously

Wi-Fi AP 1: 2.4 GHz

Wi-Fi AP 2: 5 GHz

### RF Output Power

22 dBm / 159 mW Max.

Configurable

### Antenna

Integrated Laser Direct Structure (LDS)

Antennas etched into plastic enclosure

### Client Device Compatibility

Any EUD, Laptops, IoT devices, etc.

### Simultaneous Client Devices

10+

### SSID

Randomized from onboard dictionary

Configurable SSID and password

SSID broadcast can be disabled

### Security

WPA2

WPA3

Randomized MAC address



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