

# Pocket RVT



## A SMALL, AFFORDABLE, EASY-TO-USE VIDEO RECEIVER

### COMPACT AND POWERFUL

The Pocket RVT video receiver provides the flexibility and freedom to receive video and data anywhere within the Digital Data Link (DDL) network utilizing any USB display device for a wide range of military and commercial applications.

The ultra-compact, lightweight Pocket RVT provides dismounted ground troops direct access to real-time video downlink images and geodata from any DDL equipped platform. Designed for versatility, this pocket-sized module turns any USB display device into a Remote Video Terminal and can be worn on a tactical vest or utility belt. Pocket RVT can interface with a wrist worn smartphone, vest mounted tablet or virtually any USB end-user display device.

### ENGINEERED SIMPLICITY

Simplicity and ease-of-use are the predominate features of the Pocket RVT. With no exterior buttons to decipher, Pocket RVT is completely controlled through our easy-to-use App. Changing channels, platforms or navigating images on the display device has never been easier with intuitive multi-touch gestures to swipe, zoom and pan. With the Pocket RVT you can receive all the information you need without being weighed down with heavy video equipment and batteries.

### FUTURE-PROOF WITH SIMPLE APPS

Delivering the performance and reliability of more expensive solutions, the Pocket RVT is capable of so much more than viewing video and data. As future Apps become available, users will be able to share and send text or voice chats to the UAV operator or other Pocket RVT users in the session. Access to these future capabilities will be easy by simply downloading the AeroVironment applications from the app store.



## KEY FEATURES

- Ultra Compact, Lightweight
- Easy integration into any Tactical Vest/Utility Belt
- Secure Digital and Analog
- Multi-Band Reception for Military and Commercial use
- USB connection to any end-user device running Apps under Windows, Android, or iOS

# Four easy steps to receive your real-time imagery

## SPECIFICATIONS

### Frequency Bands

M-Band (M1 & M2, M3 & M4)

C-Band (C1)

### Waveforms Supported

SUAS DDL

Analog NTSC Video

### Interface

USB Digital Interface

SMA RF Connector

Analog Video output in

H.264 MISB format over USB

### Physical and Environmental

Size: 3.25" x 2.2" x 0.75"

Weight: 100 grams (0.22 lb)

Operating Temperature: -40°C to +85°C

Water Resistant

Color: Tan or Black

### Power Requirements

USB powered

Input Voltage: 5 volts

Current Draw: 0.7 amps (from 1 or optionally 2 USB ports)

Battery Life: depends on USB source  
(a 2,000 mAh USB battery will receive for 2.8 hours)

## 1. CHOOSE YOUR USB END-USER DEVICE



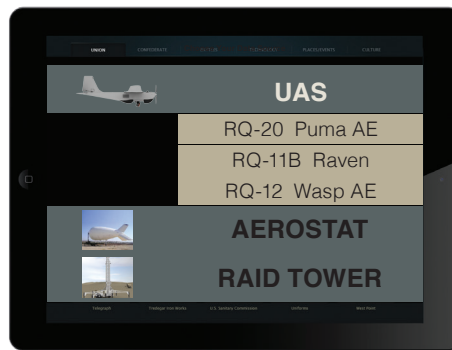
Pocket RVT interfaces with virtually any USB display device to receive secure real-time information anywhere within the DDL network.

## 2. CHOOSE YOUR APP



Download a custom AV app directly to your display device. Once you have located the desired app, simply tap the app.

## 3. CHOOSE YOUR DATA SOURCE



Directly access secure imagery and geodata from any DDL equipped platform such as unmanned or manned aircraft, or fixed tower.

## 4. CHOOSE YOUR VIEW OPTION



Swipe left or right to go back or forth through the secure video, maps and data providing real-time information for better decision making.

## POCKET RVT KIT:

- Pocket RVT transceiver
- Nexus 7 2012 tablet w/ charger
- Mophie battery w/ charger
- Antenna (M1,2,3,4, C1 band)
- Micro-USB OTG male to USB-A female (tablet to transceiver)
- USB-A male to A male converter (tablet to transceiver)
- USB-A male to A male 1/2 meter cable (battery to transceiver)
- Two USB-A male to A male 2 meter cable (for vehicle RVT)
- Water Resistance kit: Rubber boots; Silicon tablet cases
- Carry/storage bag
- USB vehicle power supply