

Remote Video Terminal (RVT)



MCU-RVT

The MCU-RVT is a unified ruggedized receiver terminal, advanced tablet and battery pack in a compact formfactor. It is targeted at enterprise & governmental sectors within security, public safety, disaster relief and unmanned applications.

MCU-RVT is designed to the highest standards to meet targeted applications prone to severe conditions and complex needs. It enables real-time HD video and broadband data content consumption, shared and distributed to **multiple viewers** simultaneously, which is critical in the operations being coordinated by target customers.

MCU-RVT Key Features:

- Built to enable mission-critical operations
- Long-range Line-of-Sight Reception
- High-end Validated Encryption & Security
- Real-time video streaming with on-screen display of video & data
- Configurable receiver unit
- Dual receiver antenna & GPS location base services



Product Highlights:

- ✦ Light & Compact
- ✦ Extended Ruggedized grade
- ✦ All-weather IP65 Dust and Water-resistant Design
- ✦ 7" Windows Tablet with Intel 6th Generation core M5 Processor
- ✦ Powered by Windows 10 Professional
- ✦ Daylight readable
- ✦ User-replaceable battery



Receiver Performance Specifications

Modes of operation	Receiver for HD video & broadband data, multiple receivers Broadcast, Multicast
Sensitivity	Max -101dBm
Diversity support	2 Rx MRC diversity: 2 Antennas
Encryption	AES128 – standard package AES256 and other options are also available for purchase (custom export control may apply)
Frequencies	2.4GHz (ISM) & 5.8GHz (ISM) Other frequencies available upon request
External interface	USB 3.0 and USB 2.0

Tablet Specifications

Type	7" Toughpad FZ-M1 Panasonic
CPU	Intel 6th Generation core M5
User interface	Windows 10 Professional
Display	7" WXGA 1280 x 800

Dimensions (H x W x D)

16 X 23 X 4.2 cm	6.3 X 9.1 X 1.65"
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Weight

1.55 kg	3.42 lbs.
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Power

With Power Supply & Replaceable Battery	External or Direct to Tablet
With External Battery	12-19 V DC

Environmental

Grade	Extended Ruggedized
Operating Temperature	Operating -20 to 50°C Storage -50 to 85°C
Humidity	5 to 95% non-condensing
Casing	All-weather IP65 Dust and Water-resistant

MCU-RVT is Compatible with all MC units

* This is a preliminary version of the product for early adaptors; specifications are subject to change.