

Crysalis Remote Video Terminal (RVT) provides the user with instant access to actionable intelligence from AeroVironment's family of unmanned aircraft systems. Its intuitive touch screen interface allows users to easily obtain vital battlefield information through real-time EO/IR video downlink, geolocation data, and the ability to record video and capture high resolution imagery. These advanced capabilities give the user a distinct advantage in making informed, mission-critical decisions. Compatible with Nett Warrior and pocket DDL (pDDL), Crysalis RVT seamlessly connects to the robust and secure DDL network while easily integrating plate carriers, tactical vests or chest harnesses.

Empowering Warfighters to Make Informed Decisions

DISTINCTIONS



>>> PORTABILITY Wearable



>>>> LINK RANGE 5 km



SETUP TIME 5 min



>>> WEIGHT System: 3.3 lb (1.5 kg)

SPECIFICATIONS

SOFTWARE

APPLICATION	Crysalis™ RVT: Instant access to downlink video & UAS telemetry data for real-time situational awareness and battlefield coordination
OPERATING SYSTEM	Android®
HARDWARE	
KIT COMPONENTS	Samsung [™] smartphone in Juggernaut.Case [™] Bifurcated cabling BB-2557 battery pDDL Antenna
COMPATIBLE UAS	Puma [™] LE, Puma [™] 3 AE, Raven [®] , Wasp [®] AE
COMPATIBLE Antennas	pDDL, Standard Range Antenna, ERA

SYSTEM PERFORMANCE

FREQUENCY BANDS	M1/2/5 or M3/4/6
ENVIRONMENTAL Rating	IP67



(A) END USER DEVICE	Crysalis RVT: Samsung smartphone in Juggernaut.Case; touchscreen
APPLICATION	Crysalis RVT
C ANTENNA	pDDL: 5 km range; ultra-compact
D BATTERY	Single BB-2557

KEY FEATURES

- » Wearable—small, lightweight and rugged
- » Receive-only capability for real-time, secured situational awareness
- Intuitive touchscreen user interface—reduces learning curve & cognitive load enhancing user experience
- » Secure connection–5 km digital data connection range; AES-256 data encryption
- » MOLLE/PALS Compatible—quick integration with heavy plate carriers, tactical vests or chest harnesses

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CRYSALIS[™] RVT