



## CRYSLIS™ TACTICAL GCS

Crysalis Tactical GCS is AeroVironment's ground control system for small UAS operations from semi-fixed positions with single or dual operator deployment. Backpackable, lightweight, and rugged for use in any environment with an operational range up to 20 km. This turnkey system is designed around the Crysalis™ Controller Pro featuring the intuitive Crysalis™ Control App, providing both virtual touchscreen or tactile joystick control of UAS assets and payloads. Additional components include AeroVironment's Standard Range Antenna, along with all necessary cabling, accessories and batteries included in one easily transportable ruggedized case.

# Lightweight & Modular

CRYSALIS™ TACTICAL GCS

## DISTINCTIONS



» PORTABILITY  
Backpackable



» LINK RANGE  
20 km



» SETUP TIME  
10 min



» WEIGHT  
System: 8.6 lb (3.9 kg)

## SPECIFICATIONS

### SOFTWARE

APPLICATION	CrysalisControl: Full-feature command & control of UAS assets and payloads
OPERATING SYSTEM	Android®

### HARDWARE

KIT COMPONENTS	Crysalis Controller Pro Bifurcated Cabling 2x BB-2557 Batteries Standard Range Antenna
COMPATIBLE UAS	Puma™ LE, Puma™ 3 AE, Raven®, Wasp® AE
COMPATIBLE ANTENNAS	pDDL, Standard Range Antenna, ERA

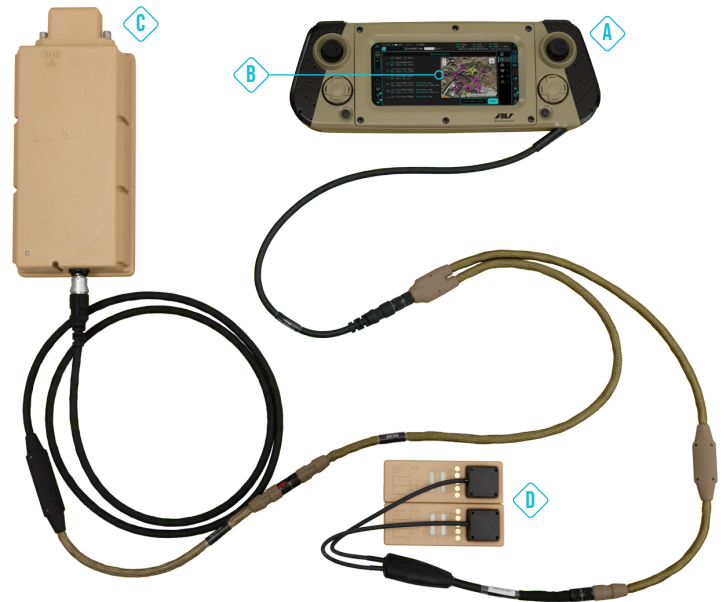
### SYSTEM PERFORMANCE

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

### ALSO AVAILABLE

Crysalis™ Tactical GCS with pDDL

Crysalis™ Tactical GCS with pDDL & Standard Range Antenna



A END USER DEVICE	Crysalis Controller Pro: Samsung™ smartphone in custom wrapper; virtual touchscreen or tactile joysticks for active input to Crysalis Control app
B APPLICATION	Crysalis Control
C ANTENNA	Standard Range Antenna: 20 km range; lightweight; patch/omni-directional configuration
D BATTERY	Dual BB-2557

## KEY FEATURES

- » *Single/Dual Operator Deployment—plan and execute missions from Crysalis Controller app UI*
- » *Operational Versatility—independent aircraft and payload command & control, UAS hand-offs and remote video terminal capabilities*
- » *Standardized & Intuitive User Experience—across controlled assets and payloads, streamlining operations and reducing cognitive load*
- » *Secure connection—20 km digital data connection range; AES-256 data encryption*
- » *Modular—transition from semi-fixed to field-wearable with optional pocket DDL antenna*
- » *Hot-Swappable Batteries—maximizing mission operations and reducing downtime*