CRYSALIS™ COMMAND GCS

Crysalis Command GCS is AeroVironment's modular and flexible ground control system for UAS operations from semi-fixed positions. Designed for extended range operations up to 20 km, Crysalis Command is ideal for command-level operations where mobility may not be priority. The system gives operators full control of multiple UAS and payloads through the available keyboard or trackpad on a ruggedized Panasonic™ laptop or through tactile joysticks on the connected Crysalis™ Controller Lite. Additional components include AeroVironment's Standard Range Antenna, cabling, accessories and dual hot-swappable batteries that allow for extended operations.

DISTINCTIONS

》》 PORTABILITY
Man-packable

》》 LINK RANGE
20 km

》》 SETUP TIME
15 min

》》 WEIGHT
System: 14.3 lb (6.49 kg)

SPECIFICATIONS

SOFTWARE

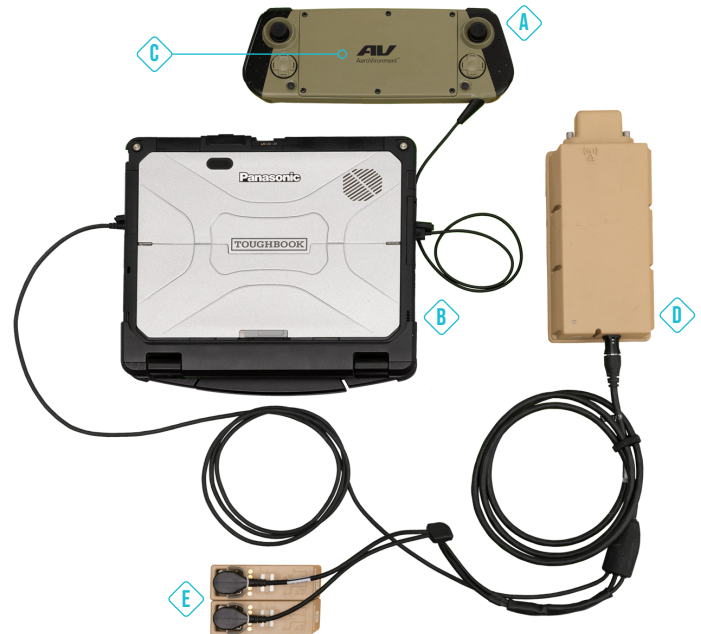|	
APPLICATION	Crysalis™ Control: Full-feature command & control of UAS assets and payloads
OPERATING SYSTEM	Windows®

HARDWARE

KIT COMPONENTS	Crysalis Controller Lite (bezel closed, no phone) Panasonic 2-in-1 hybrid laptop 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™ Command All-in-One: All-in-one with both Standard Range Antenna & pDDL

A **B**	**END USER DEVICES**	A. Crysalis Controller Lite: Custom controller with tactile joysticks for active input to Crysalis Control app B. Fully ruggedized Panasonic 2-in-1 hybrid laptop
C	**APPLICATION**	Crysalis Control
D	**ANTENNA**	Standard Range Antenna: 20 km range; lightweight; patch/omni-directional configuration
E	**BATTERY**	Dual BB-2557

KEY FEATURES

》 *Dual Operator Deployment—plan, simulate and execute missions from Crysalis Controller app UI*

》 *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*

》 *Hot-Swappable Batteries—maximizing mission operations and reducing downtime*

》 *Operational Versatility—independent aircraft command & control, payload control, UAS hand-offs and remote video terminal capabilities*

》 *Ideal for command center integration*

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