C2Nav Android

An ultra-mobile ground control station with a detachable keyboard making operations more productive and user-friendly. The C2Nav is built on top of the Panasonic CF-20 powered by Microsoft Windows which delivers an enterprise solution for operations in rain or shine.

With the C2Nav we set out to design a superior mobile ground control station built to enable mission-critical mobile worker productivity without compromise. The C2Nav offers a detachable keyboard and a wide range of customizations, such as extra memory and processor power. The C2Nav features a long life, user-replaceable battery, and a daylight-readable, high-sensitivity, multi-touch display for use with heavy gloves.

The C2Nav is built on top of the Panasonic CF-20, a military grade tablet featuring MIL-STD-810G and a 5' Drop and All-weather IP65 Dust and Water-resistant Design. This enables the C2Nav to be certified and implemented even in the most restrictive scenarios.

The C2Nav is a well-proven, secure, and reliable solution which is easily extendable with your hardware and software requirements. The C2Nav can be delivered fully customized according to your specifications, including custom software, firmware, engraving, joystick configuration, and radio/control modules.

All of our ground control platforms use standard interfaces (HID devices) enabling easy integration with your software. We do, however, offer technical support and assistance with custom software to make your integration as swift and possible.

Technical specifications

Tablet peripherals	Wifi Bluetooth 4G, 3G and GPS Cameras, front and rear facing Optional barcode reader*	C2Nav Android Human Interface Connection	USB HID device
Aeronav peripherals	HID 2x USB 2.0 PPM through topconnector * SBUS through topconnector * RFD900x or RFD868x radio *	Front Joystick	Hall-effect, Castle style joystick IP68S positioned for each thumb
		Back side Joystick	Potentiometer joystick positioned for right index finger
Accessories	AC charging adapter Normal capacity battery	Left front panel switches	A1: MON-ON Toggle switch A2: Momentary Pushbutton with sealboot A3: ON-OFF-ON Toggle switch
Dimensions	380 mm x 195 mm x 85 mm, approx 1384 g	Right front panel switches	C1: ON-ON Toggle switch C2: SAFETY ON-ON Toggle switch C3: MON-OFF-ON Toggle switch

*) Optional (might increase leadtime)

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