

Micronav

An ultra-mobile ground control station built on top of the Panasonic FZ-A2 powered by Android which delivers an enterprise solution for operations in rain or shine.



The Micronav is built on top of the Panasonic FZ-M1, a professional and military graded tablet featuring MIL-STD-810G and a 5' Drop and All-weather IP65 Dust and Water-resistant Design. This enables the Micronav to be certified and implemented even in the most restrictive scenarios.

To ensure high performance, features of the Micronav include a long life, user-replaceable battery, and a daylight-readable, high-sensitivity, multi-touch display for use with heavy gloves, and a strong hardware enabling the use of advanced software applications.

The Micronav is a well-proven, secure, and reliable solution which is easily adaptable to your hardware and software requirements. Its production version can be delivered fully customized according to your specifications, including custom software, firmware, engraving, joystick configuration, and radio/control modules. The Micronav comes per default with Microsoft Windows but can be configured to run with other modern operating systems.

With our ground control platforms, we follow our ambition to deliver agility and resources to our partners by providing an easily integrated ground platform enabling them to focus on their key product—their remote-controlled vehicle.

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



<p>Tablet peripherals</p>	<p>Wifi * Bluetooth * 3G, 4G, LTE * USB connector **</p>	<p>Micronav Human Interface</p>	<p>Left Thumb: OTTO Hall-effect, Castle style joystick IP68S Right Thumb: OTTO Hall-effect, Castle style joystick IP68S Left Index finger: None Right Index finger: Alps Momentary switch IP69</p>
<p>Aeronav peripherals</p>	<p>HID 1xUSB connectors PPM through topconnector * SBUS through topconnector *</p>	<p>Left side top panel</p>	<p>A1: APEM Momentary Pushbutton with sealboot A2: APEM MON-ON Toggle switch A3: APEM ON-OFF-ON Toggle switch</p>
<p>Accessories</p>	<p>Harness Extended battery</p>	<p>Right side top panel</p>	<p>C1: APEM ON-ON Toggle switch C2: APEM SAFETY ON-ON Toggle switch C3: APEM MON-OFF-ON Toggle switch</p>

*) Optional (might increase leadtime)
**) Optional (might increase leadtime) + RJ45 and USB is not possible at the same time.





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