



HOW TO USE A TENGRI Unmanned Vehicle Hub Computer

The TENGRI Unmanned Vehicle Hub Computer (UvHc) can be used on the Air side only, Ground only, Air + Ground, or Air + Relay + Ground. The UvHc is universal, any unit can be use in either of these configurations.

AIR ONLY applications

- Multiple camera support (4 analog, 1 HDMI) / PiP displays (4 PiP's)
- Primary HUD for precision manual operations
- Custom (Direct) payload control

Other required components:

RC transmitter for control

3rd party HD video broadcast with HDMI output from TENGRI

GROUND ONLY applications

- Upgrade RC controller into Mavlink based controller
- Use gaming / other USB controllers for UAV control
- Develop custom ground control station with joysticks & controls
- Enable dual/multiple operator control (UAV + Payload) with multiple devices connected to TENGRI Ground based unit

Other required components:

RC transmitter (optional)

USB gaming / other controllers

HDMI display device

RFD radio modems (set)

AIR + GROUND applications

All the above +

- Complete C2 (command & control) plus HD video downlink
- Multiple HD video broadcasts (2.4 / 5Hz)
- Use Off the shelf usb wifi antennas for long range video broadcasts

Other required components:

USB wifi antennas