

IRONghost™ TAC.Ctrl

Tactical FPV Radio Controller

Not for public disclosure

Dec 2023



ORQA



Tactical FPV Radio, for FPV Drone Control

Keep FPV pilots safe from RF-based targeting, while providing EW-resilient drone control

Fully NDAA Compliant



Designed and Manufactured in the EU

WARNING: CORRECT CONNECTION TO BATTERY

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Specifications

- Tactical **FPV** (First Person View) controller for enterprise and defense FPV drones
- Single cable connection to Orqa **FPV.Pro** goggles (power + analog/digital video) with mil-spec Lemo connector. Tac.Ctrl battery provides power to goggles.
- Single **RJ45** connection (MATRIX Port) to EW-resilient **IRONghost™** radio link. Tac.Ctrl provides power to remote radio.
- **6 cell 21700**, 4000mAh Integrated Battery (Shipping-friendly **88Wh**)
- **RF-Silent** system, radios installed at end of single cable (up to **1km** long)
- Simulator support via **USB-C**, with Orqa FPV.Skydive (**Berzerk** Edition) simulator
- Robust, custom **aluminum gimbals**, with 3D Hall Sensors, familiar to FPV pilots
- Optional mounting bracket for local radio mounting
- **XT-60** Charge port for rapid charging from standard FPV drone battery chargers
- Innovative protected switches (x2) with auto-center
- 2x **Video output** ports for observer, and/or video recorder
- 2x Proportional sliders for smooth camera **gimbal control**
- 1.1kg weight with batteries



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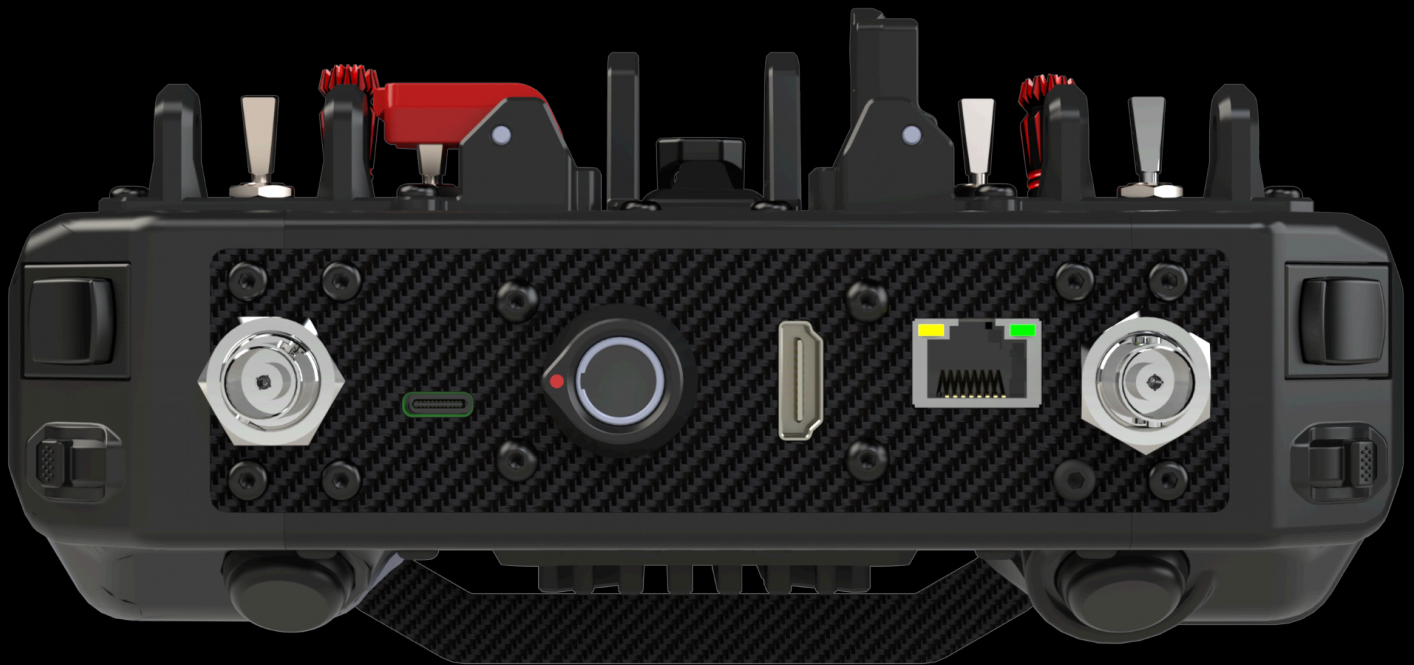
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