SKY-HERO

GCS MkII

Tactical Handheld Controller

ODYSSY
COMPATIBLE

SMALL AND ROBUST GROUND CONTROLLER WITH HIGHLY INTUITIVE CYBERSECURE INTERFACE TO CONTROL AND MONITOR MULTIPLE UNMANNED VEHICLES AND POLE CAMERA HEADS INCLUDING OPERATION OF THEIR PLUG-IN PAYLOADS AND SENSORS

Ruggedized and very lightweight, designed to fit operator's bodyworn equipment, the *GCS MkII* has an intuitive control interface delivering the best viewing experience for any pilot in any lighting environment.

It is designed as the ideal tactical controller, providing aerial and/or terrestrial device control, whilst collecting mission critical intel.

Whilst avoiding communication via public networks, the *GCS MkII* uses a strong encryption algorithm to secure data related to control of unmanned vehicles and payload activation; making it virtually un-hackable.

Up-to 4x vehicles/cams
Simultaneous control of up to 4 vectors, giving a single operator multiple tools with which to collect intel

Ergonomic
With no protruding parts, the GCS fits into any operator's pocket or on his chest using its custom-made cover
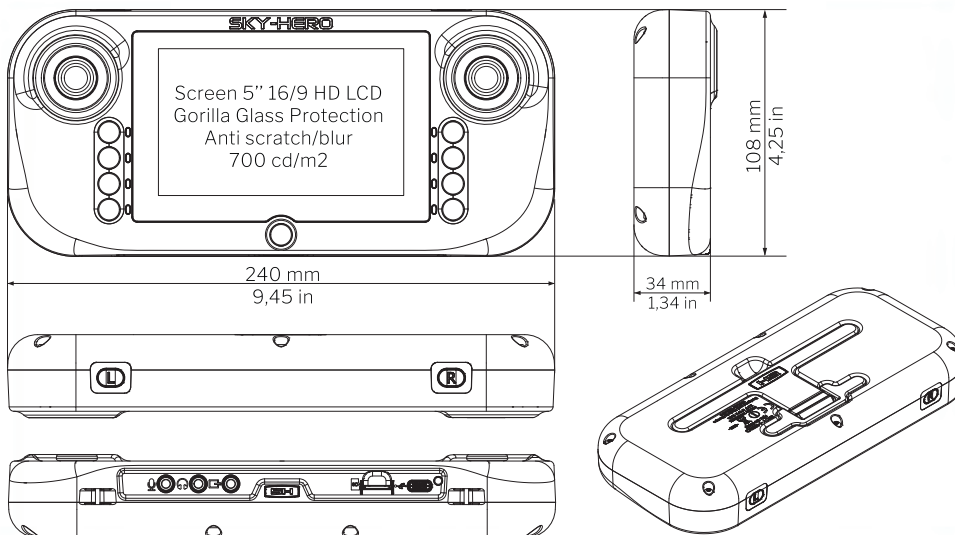
Indoor RF Efficency
The GCS embeds top-in-class RF technology that offers the best range for interior and out-of-sight operations whatever the obstacles

No Public Networks
Our purpose-built flight controller does not require internet service, GPS, phone or tablet for deployment

#1 BLUEPRINT

Screen 5" 16/9 HD LCD
Gorilla Glass Protection
Anti scratch/blur
700 cd/m2

240 mm
9,45 in

108 mm
4.25 in

34 mm
1,34 in

L   R

#2 SPECS

Autonomy	200 min.
Weight battery incl.	640 gr | 1,41 lb
Ops Temperature	-20°C to 50°C -4°F to 122°F
Power Supply	Li-Ion 6300 mAh Embedded Battery 3,7V

Video Reception
- 99 db dual ISM receivers 5,8 Ghz
- Embedded 9 dbi ceramic array antenna
- FPGA scrambled

Command & Control
- 868-915 UHF
- AES256 encrypted

Connector
- USB-C main connector
- Audio out jack 3,5 mm
- Audio-video out/in jack 3,5 mm

#3 FEATURES

- Robust against any communication delay and offering progressive signal degradation, our GCS provides the operator with **steady and reliable AES 256 encrypted control** of the unmanned vehicles

- Deployable antennas, integrated joysticks, **all aspects completely flush with outer structure**

- **Diversified analog audio/video receptors**, running a 8 bit FPGA scrambling while avoiding any lag or frozen pictures

- **No cellular network, GPS, applications** or **smartphones** required

- Audio/video RCA output

- **Wireless observer mode** for team leader

- Multi GCS cooperative mode (wired or wireless)

- SD port for software revision and upgrades

Enhance the safety of indoor missions

#4 ADD-ONS

- **Padded protective GCS cover** to be clamped directly to armour systems via MOLLE/PALS

- **Wired Trigger Remote** to delegate payload activation to a second operator

GET IN TOUCH

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