

PORTABLE COMMAND & CONTROL

MINI GROUND CONTROL STATION

Rugged · Field-portable · Payload-ready



OVERVIEW

A rugged, case-integrated ground control station for UAV command and EO/IR payload operation. Two high-brightness displays, workstation-class compute and a dedicated 3-axis payload joystick pack a full mission console into a single transportable case — powered from mains or directly from the aircraft battery.

2×21"

1500-NIT DISPLAYS

i9 + GTX

COMPUTE

28 kg

TRANSPORTABLE

3-Axis

PAYLOAD JOYSTICK

Technical Specifications

Display	2× 21" LCD · 1500 nits high-brightness
Processor	Intel Core i9-12900H
Graphics	NVIDIA GTX 3050
Memory / Storage	16 GB RAM · 500 GB SSD
Control	3-axis joystick for precision gimbal / payload control
Keypad	12 assignable payload keys · backlit military keyboard
I/O Ports	2× USB · 1× Ethernet · 1× HDMI
Power	AC 220 V and / or UAV battery
Protection	Over-current · over-temperature · over-voltage · under-voltage
Dimensions	1177 × 450 × 158 mm
Weight	28 kg
Enclosure	Rugged transit case · optimized for harsh field conditions

Key Features

- ▶ Slim, lightweight case design for rapid deployment
- ▶ Dual 1500-nit displays readable in direct sunlight
- ▶ Runs on mains (220 V AC) or directly from UAV battery
- ▶ Full four-way electrical protection circuitry
- ▶ Backlit military keyboard for low-light operation
- ▶ 3-axis joystick for smooth gimbal / payload slewing
- ▶ 12 mission-assignable payload control keys
- ▶ Workstation-class i9 + GTX compute for live AI/video
- ▶ Optimized for sustained operation in harsh conditions
- ▶ Integrated USB / Ethernet / HDMI expansion



Operator Console

The 3-axis joystick and 12-key assignable panel give the operator direct, tactile control of gimbal pointing, zoom, tracking and payload modes — with a backlit keyboard for night use.

Connectivity

Standard interfaces let the station connect to the platform datalink, external displays and recording / networked command nodes.

2× USB

Ethernet

HDMI

220 V AC

UAV Battery

Ruggedized Power

Four-way protection (over-current, over-temperature, over- and under-voltage) keeps the station stable across field power sources.

Datalink range, supported autopilots and video / telemetry protocols (e.g. STANAG 4586 / 4609, MAVLink) configured to platform — available on request.