

# SGCS

The simple ground control station is a modular GCS providing multiple configuration possibilities. SGCS can be utilized as a single laptop with a payload controller with direct Ethernet connection to a data-link or multiple laptops used together to provide separate payload operator, mission analyst and mission commander workstations. SGCS can be set up where needed, including tents, buildings and open-air locations.

 **THREOD**

SYSTEMS



## Key features:

- Modular solution with multiple configuration options
- Interfaces to all common GDT's
- Rapid deployment time
- Various accessories to choose from

# SGCS Specifications

Standard configuration with Panasonic Toughbooks

One workstation set:



Single operator for UAV and payload

Ethernet switch for connectivity expansions

Two workstation set:



UAV operator

Payload operator

Main Components	
Workstations	1...4 seats (UAV operator, payload operator, image analyst, mission commander)
Workstation Computers	Rugged laptops with touchscreen or high-end commercial laptops (many brands and models available)
External monitors	Each workstation can be expanded with external HDMI monitors
Packaging	Hardcase
Interfaces	
Communication	Ethernet
Power	External A/C input, optional UPS module
Environmental	
Operating Temperature	-20 °C to +50 °C (when using rugged laptops)
Standards	
Environmental	MIL-STD-810G (when using rugged laptops)
Features	
Highly customizable according to client specifications	