

# UAV GCS



## About Product

We build custom-made high quality ground control station (GCS), land or sea based control center that provides the facilities for human control of unmanned aerial vehicles, visual reception and real-time image recording during the flight of UAVs or drones.

The hardware refers to the complete set of ground-based hardware systems used to control the UAV. This typically includes the human-machine interface, computer, telemetry, video capture card and aerials for the control, video and data links to the UAV.

Our GCS design has the military UAVs feature what resembles a "virtual cockpit". The pilot or sensor operator sits in front of a number of screens showing the view from the UAV, a map screen and aircraft instrumentation. Control is through a conventional aircraft-style joystick and throttle, possibly with hands on throttle and stick (HOTAS) functionality. The shelter is divided into two parts, including antenna cabin and operation cabin.

## Standard Features

### Dimensions:

<b>External:</b> Length 20'	<b>Internal:</b> Length 19' 6"
Width 8'	Width 7' 6"
Height 8'	Height 7' 3"

**CPU/IT Hardware:** as per user requirements.

**Data Link/Antenna:** as per user requirements.

**Air-condition:** As per customer requirement.

**RFI Shielding:** (Optional)

**Operator Positions:** As per customer requirement.

**Number of screens/Operator:** 2 ~ 3

**Colour:** PU/Epoxy (Federal Standard 595B Colour)

**Power/Data I.O Panels:** one each

**Weight:** 6500 to 7500 kg



Please Contact us for more details

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