



ROBOSYS GCS MODULE

GROUND CONTROL STATION (GCS) FOR USV PLATFORMS

Robosys GCS is designed by Robosys for shore based or seaborne control of Unmanned Surface Vessels (USVs)

Its shock resistant construction ensures that this deployable GCS provides reliability in harsh conditions, together with a long battery life. It provides convenience to users with its remote-control function. A universal and radio agnostic GCS that is easy to transport and easy to mount with all the control options that you would expect from a traditional GCS.

GCS features USB 2.0 1x, USB 3.0 1x, RJ45 ETH (1Gbit) 3x, HDMI interface support and remote control with 3 Axis Joystick. It boasts an Intel i7 processor, 16GB RAM and 1TB SSD Storage. Combined with an 21.5" touch screen, which offers superior performance with Full HD resolution.

KEY FEATURES

- ✓ **RUGGED DESIGN TO IP65**
- ✓ **2 X 21.5" SCREENS**
- ✓ **THROTTLE LEVER AND 3 AXIS JOYSTICK**
- ✓ **CONFIGURABLE SWITCHES AND KEYBOARD**
- ✓ **WEIGHT 28KG**
- ✓ **RECHARGEABLE BATTERY LIFE 5-6 HOURS**



SPECIFICATIONS

Dimensions (Lid Closed)	181 x 1175 x 410mm (LxWxH)
Weight	28.200Kg
Water Resistance	IP65
Interfaces	USB 2.0 x 4, USB 3.0 x 1, RJ45 ETH (1 Gbit) x 3, HDMI x 1, AUX x 1, SMA x 4, CANBUS x 2 and 12v DC Socket
Remote Control System	T-bar Throttle Joystick, 3 Axis Joystick, Push Button x 4, Toggle Switch (Safety) x12
Processor	Intel i7 10700T
RAM	16GB
Storage	1TB SSD
Operating System	Windows 10 Professional 64 Bit
Screen Size	21,5" Screen
Refresh Rate	60 Hz 5ms
Resolution	Full HD
Battery Capacity	6-8 Hours



REMOTE OPERATIONS CENTRE



DEPLOYABLE GCS



REMOTE WIRELESS CONTROLLER



ROBOSYS CANBUS MODULE



ROBOSYS AUTOPILOT



EXAMPLE USV

CONTACT THE ROBOSYS TEAM TO DISCUSS HOW YOUR BUSINESS CAN BENEFIT FROM ROBOSYS' SOLUTIONS

VISIT OUR WEBSITE



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