



## 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

<b>Dimensions (Lid Closed)</b>	181 x 1175 x 410mm (LxWxH)
<b>Weight</b>	28.200Kg
<b>Water Resistance</b>	IP65
<b>Interfaces</b>	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
<b>Remote Control System</b>	T-bar Throttle Joystick, 3 Axis Joystick, Push Button x 4, Toggle Switch (Safety) x12
<b>Processor</b>	Intel i7 10700T
<b>RAM</b>	16GB
<b>Storage</b>	1TB SSD
<b>Operating System</b>	Windows 10 Professional 64 Bit
<b>Screen Size</b>	21,5" Screen
<b>Refresh Rate</b>	60 Hz 5ms
<b>Resolution</b>	Full HD
<b>Battery Capacity</b>	6-8 Hours



REMOTE OPERATIONS CENTRE



DEPLOYABLE GCS



USV REMOTE CONTROL



ROBOSYS CANBUS MODULE



ROBOSYS AUTOPILOT



EXAMPLE USV

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

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