

## FULLY INTEGRATED W24H-S MULTICHANNEL ROUTER KIT FOR FIELD OPERATIONS.

THE RUGGED CASE INCLUDES EVERYTHING YOU NEED FROM BATTERY TO ANTENNAS. ALWAYS ONLINE, ALWAYS READY TO GO.

### General

- Goodmill w24h-S multichannel router
- Rugged case
- Long-life time battery 8-20h operation (depends on installed radio modems and transferred data amounts)
- IP65 (when case closed)
- Weight +/- 10kg
- Operating temperature -20°C to 60°C
- Charging temperature 0 – 45 °C

### Goodmill Systems w24h-S Managed Multichannel Router

Goodmill Systems' flagship multichannel router, the w24h-S, has been tested in challenging field conditions worldwide. Through extensive product development and by addressing customer needs, we have created a robust and durable vehicle router. This router ensures the functionality of critical connections in the best possible way, even under the most demanding conditions. Vibration: MIL-STD-810H.

Internal dimensions		External dimensions		Other data	
Length	380 mm	Length	420 mm	Weight empty	2.59 kg
Width	270 mm	Width	340 mm	Weight with foam	3.09 kg
Depth	230 mm	Depth	252 mm	Weight with custom foam	x.xx kg
Lid	57 mm			Volume	23.6 l
Base	173 mm				16 kg/max



The Goodmill Systems case model's dimensions may vary depending on the equipment chosen for the case.

## FIELD CASE FOR W24H-S ROUTER PRODUCT FEATURES

<b>Case</b>	Metal reinforced padlock holes Single block high performance injected O-ring Automatic pressure valve Soft rubber handle grip Removable lid Anti-tilt support Six standard colors available
<b>External connectors</b>	5,5/2,5mm female connector for AC-charger 12VDC female connector 3 Ethernet RJ-45 connector
<b>Internal control panel</b>	Battery monitor display Power on/off switch Charging selector switch (AC/Vehicle) Fuse 15A USB port for charging phone etc.
<b>Charging options</b>	220/240V AC-charger (included) 12 VDC from vehicle Solar panel (optional, the panel not included) Charging current 10A Charging time 2h
<b>Battery</b>	Technology: LiFePo4 (Lithium iron phosphate) Dimensions: 181x76x165mm (LengthxWidthxHeight) Weight: 2.8 kg Voltage: 12.8V Capacity: 20Ah Cycles: 100% unloaded: about 2000 Cycles: 80% unloaded: about 5000 Temperature range when charging: 0 – 45 °C Operating temperature: -20 to 60 °C
<b>Battery monitor</b>	Battery voltage, current, power, ampere-hours consumed and state of charge Remaining time at the current rate of discharge Current shunt Bluetooth support Mobile app
<b>Antennas</b>	Up to 12 high quality LTE/5G/Wi-Fi antennas 1 GPS/GNSS antenna

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