Locomarine

MOBILE EXPANDER
SERIES 5

The easiest way to stay online.

Mobile Expander is add-on module to Yacht Router with Global mobile network modem. Featuring Carrier Aggregation, implemented CAT11 modem will provide Yacht Router with connection to almost all Worldwide mobile networks (4G/3G). For long offshore connectivity (30+ NM) installation of optional high gain outdoor antennas is suggested. Depending on a Yacht Router model it is possible to add multiple Mobile Expanders.

Mobile Networks
Integrated modems: 1
SIM card slots: 1
SIM card size: Mini SIM
Antenna connector type (on device): 2x SMA female
Sensitivity of included antennas: 4 dB
3G category: R7 (21 Mbps downlink, 5.76 Mbps uplink)
4G category: 11 (600 Mbps downlink, 75 Mbps uplink)
3G bands: 1/2/4/5/8 (2100/1900/AWS/850/900)
4G bands: 1/2/3/4/5/7/8/12/13/17/20/25/26/28/29/30/
38/40/41/66 (2100/1900/1800/AWS/850/2600/900/
700ac/700c/700bc/800DD/1900/US 850 Ext/700 APAC/
US 700de Lower/2300 WCS/TDD 2600/TDD 2300/
TDD 2500/AWS-3)

GPS receiver
Channels: 22 tracking / 66 acquisition
SBAS: WAAS/EGNOS/MSAS/GAGAN
Sensitivity: -165 dBm
Antenna connector: SMA male
Antenna IP rating: IP67
Antenna cable length: 5 m
Antenna dimension (WxDxH): 48 x 39 x 14 mm

Power, environment and dimensions
DC power supply input range: 10-30 V
Max. power consumption: 9 W
Operating temperature range for internal unit: -10 to +50 °C
Operating humidity range: 5-95 % non-condensing
IP Protection: IP50
Dimension (WxDxH, without antennas): 150 x 120 x 35 mm

Software features
Automatic APN
Always On

Ordering information
Mobile Expander s5: ME-S06