

OmniCom Global

- End-to-end vessel monitoring
- Least cost routing capability
- Global satellite coverage
- Over-the-air updates anywhere in the world



METOCEAN SYSTEMS

OmniCom Global combines Iridium global satellite coverage and GSM 3G cellular coverage, with an automated least cost routing capability for reliable and cost effective ship-to-shore communications. Together with an integrated management software, PRISMA Connect, this system enables a complete end to end solution. Offering visibility and control of commercial fleet operations in real time, including a robust suite supporting vessel tracking, two-way messaging, and document management, OmniCom is designed to provide complete support to your business, your vessel and your crew.

OmniCom Global is designed to minimise operational costs for fleet managers, allowing online software updates to reduce vessel downtime, flexible least coast routing options, digitized forms and message confirmation log helps to reduce errors and communications time. For coastal and inland waterways, OmniCom utilizes 3G capability, designed for IOT and commercial requirements, offering connectivity at more competitive rates, as users pay by data usage rather than cost per character.

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metOcean™
telematics

iridium®

metocean.com

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TECHNICAL SPECIFICATIONS

DIMENSIONS AND WEIGHT

Beacon Size	198 x 192 x 120 mm (L x W x H)
Beacon Weight	2.15 kg (including 7.0 Ah battery)
Junction Box Size	169 x 126 x 48 mm
Junction Box Weight	0.35 kg

ELECTRONICS

Satellite Transceiver:

Iridium Type Approved. Transmitter frequency 1616 to 1626.5 MHz, HF Power: 32 dBm max

Cellular Modem:

GSM/GPRS/Edge (850/900/1800/1900 MHz)
UMTS/HSPA (850/900/1700/1900/2100 MHz)

GNSS Receiver:

Receiver for GPS & GLONASS satellites. Precision of < 10 m

IEC 60945:

IEC 60945 Approved to guarantee resistance to high temperatures, humidity, salinity, and vibration, and long-term functionality of terminal components

Bluetooth:

Bluetooth interface for wireless connectivity

OPERATION

Temperature:

Operating Temperature Range: -25°C to +55°C
Storage Temperature Range: -25°C to +70°C

Ingress Protection:

Water & weather resistant. Beacon IP-67, Junction Box IP-65

Power Supply:

Power supply range nominal 10V-36V
Current drain: <2A at 12V, <1A at 24V

Back-Up Battery Life:

Extended life up to 72 hours via rechargeable 7.0 Ah battery

Memory Back Up:

Standard memory back up of 90 days

Conformity:

EC declaration of conformity

HEAD OFFICE

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