

OmniCom Vessel Monitoring System (VMS)

- End-to-end vessel monitoring
- Geofencing for compliance
- Global satellite coverage
- Ruggedised for marine environments



METOCEAN SYSTEMS

The OmniCom VMS beacon and PRISMA software offers fishing vessels full regulatory compliance via our tried and tested marine technology. NOAA certified; with twenty years on the water experience.

Your fleet is always connected with OmniCom's dual Satellite/Cellular communications technology that automatically switches to the least cost option based on location, with low power consumption, secure communications and utilising Windows applications for a complete, simple to use, end to end VMS solution that tracks your vessels movement for crew safety, fisheries compliance and enforcement.

OmniCom  VMS



metOcean[™]
telematics

iridium[®]

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TECHNICAL SPECIFICATIONS

DIMENSIONS AND WEIGHT

Beacon Size	198 X 192 X 120mm (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
Dome Cable	15 m (Dome to Junction Box)
Power Supply Cable	5 m (two wires cable)

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, Galileo 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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