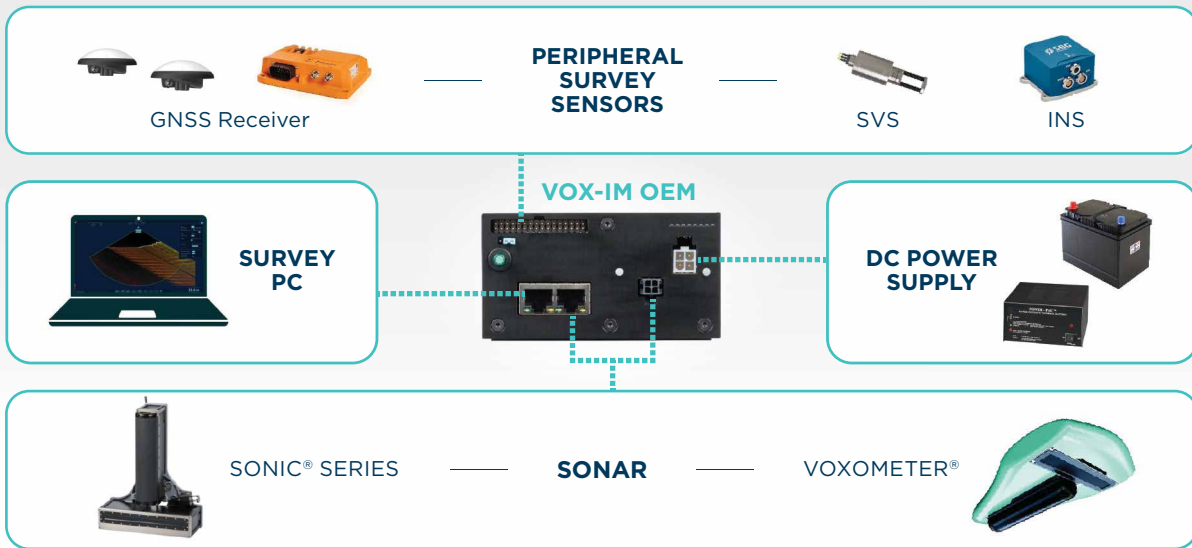


# VOX-IM OEM BASE MODEL

**SONIC**  
SERIES

**VOXOMETER**

## THE CENTRAL ROLE OF THE VOX-IM



## 'VOX-IM, BASE' MODEL OVERVIEW

*VOX-IM OEM, BASE is a compact version of VOX-IM which can be powered from 9 to 60 VDC and features raw connectors and pins for I/O and sensor connectivity, giving users the ultimate flexibility when embedding VOX-IM into custom applications.*



**STANDALONE**

AVAILABLE IN  
2 OPTIONS

104 mm	< WIDTH >	128,4 mm
54,85 mm	< HEIGHT >	60,62 mm
162,5 mm	< LENGTH >	160 mm
898 g	< WEIGHT >	695 g



**RACKMOUNTED**

### KEY FEATURES & BENEFITS

1. Power input 9-60VDC allows users to easily accommodate lower input power (24V) AUV and USVs
2. Can be controlled by the users' own autonomous system if preferred
3. Same high-performance standard of the original VOX-IM
4. Smallest form factor available – just 898 g (standalone, incl housing), or 695 g (rackmount)
5. Flexible mounting options:  
*Mount with M4 threaded holes in base (housing included)*  
*Slide into 3U Eurocard rack (unhoused with dedicated front panel for rack mounting)*

[WWW.R3VOX.COM](http://WWW.R3VOX.COM)

E: sales@r3vox.com T: +356 2316 7400  
MRH012, Mdina Rd, Zone 2 Central Business District,  
Birkirkara, CBD 2010, Malta.

**R3  
VOX**

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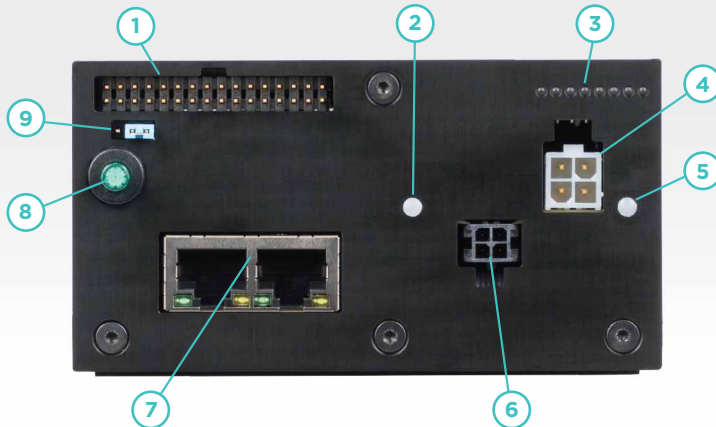
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5307 Industrial Oaks Blvd. Suite 120,  
Austin, TX 78735, USA.

# VOX-IM OEM BASE MODEL

**SONIC**  
SERIES

**VOXOMETER**

## FRONT VIEW

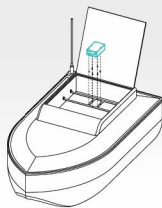


1. External Sensor Pin Header (2 x 16, 0.100" Pitch)
2. Sonar Power Status LED
3. External Sensor Status LEDs
4. Vox-IM Power Input (9 - 60 VDC)
5. Vox-IM Power LED
6. Sonar Power Connector
7. 2x Vox-IM Ethernet (RJ45 Jack)
8. Vox-IM OEM Power Button
9. Sound Velocity Sensor Voltage Output Selection Pins

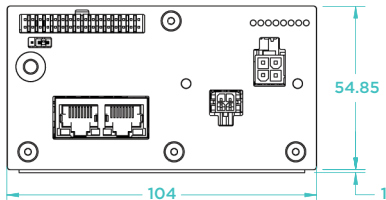
## MOUNTING OPTIONS

### STANDALONE OPTION (Includes Housing)

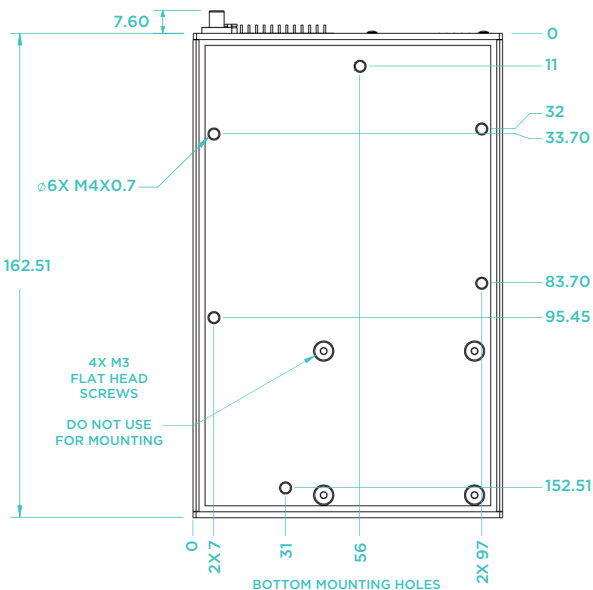
Installation in Unmanned  
Surface Vessel (USV)



#### FRONT PANEL

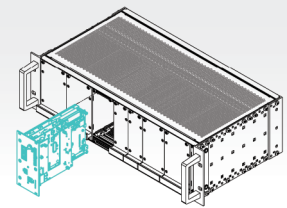


#### BOTTOM PANEL

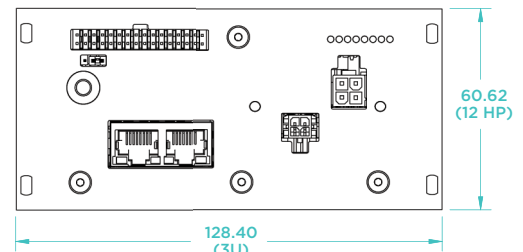


### RACKMOUNTED OPTION (Eurocard Rack)

Installation in standard  
Eurocard 3U 19-inch Subrack

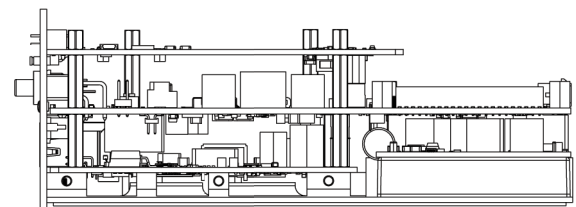


#### FRONT PANEL



Vox-IM OEM is designed with Eurocard standard height and width.  
**Height:** 3U (100 mm x 160 mm PCB, 128.40 mm front panel length)  
**Width:** 12HP (60.62 mm front panel width; i.e. unit height)

#### RIGHT SIDE



1.6 mm THICK ALUMINUM RAIL FOR SLIDING INTO CARD SLOT

Housing removed for Eurocard rack mount option

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