

XB Internal Photos - 2



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Version History

Version	Date	Comment	Author
1	09/07/12	First version	CBO
2	10/07/12	Higher Resolution Photos	CBO
3	10/09/12	Seperate Documents to accomodate FCC size restrictions	CBO

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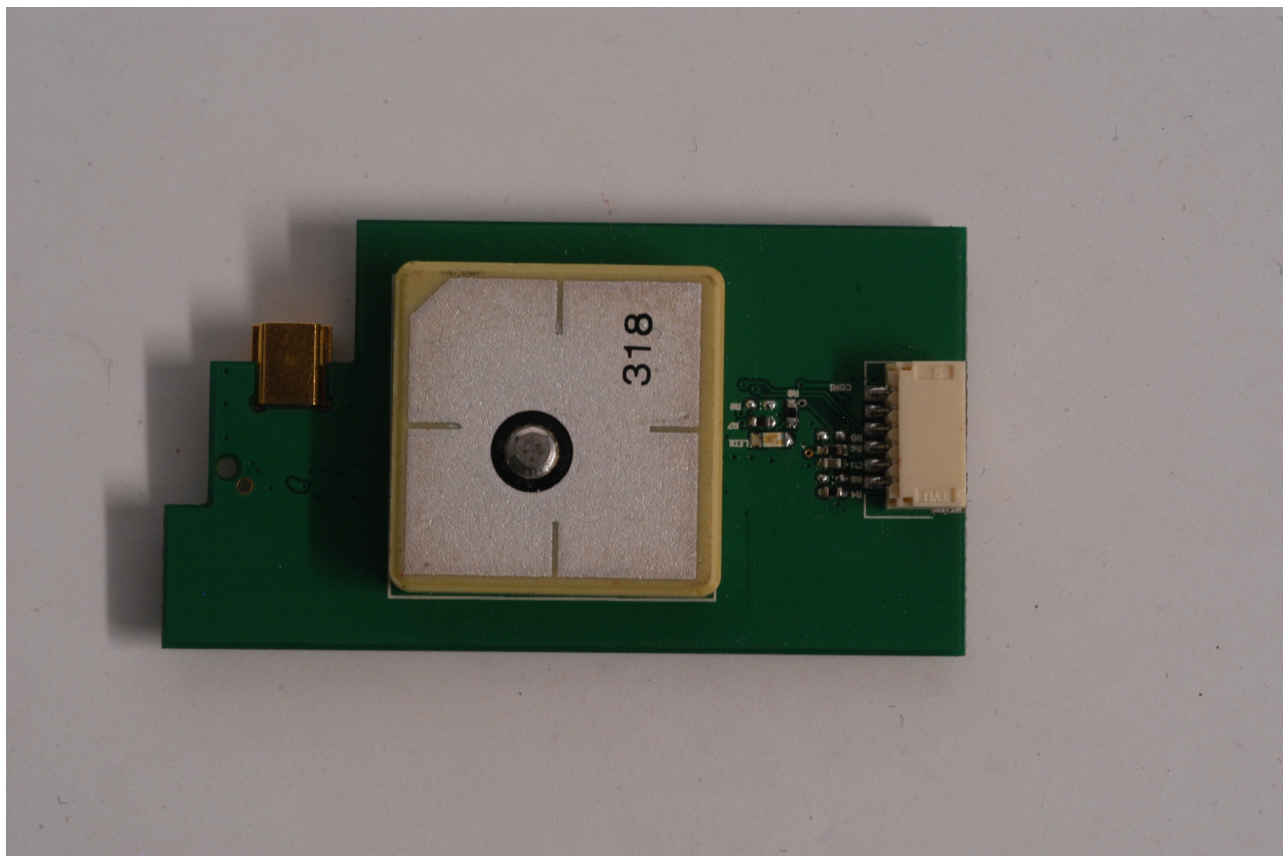
Product Identification

<i>Product Family</i>	XB Series
<i>Manufacturer</i>	Vesper Marine Ltd
<i>Model Number s</i>	XB9000, XB8000, XB6000*
<i>Power Supply</i>	12-24V DC
<i>VHF Frequency Range</i>	161.500 – 162.025 MHz TX 156.025 – 162.025 MHz RX
<i>Transmit Power</i>	33dBm (2W)
<i>Modulation Technique</i>	FM GMSK
<i>Channel Spacing</i>	25kHz
<i>Temperature Range</i>	-25 - +55 deg C
<i>Intended Users</i>	General Public
<i>Enclosure</i>	lpx7
<i>Wireless connectivity</i>	802.11 b/g (XB9000 and XB8000 only)

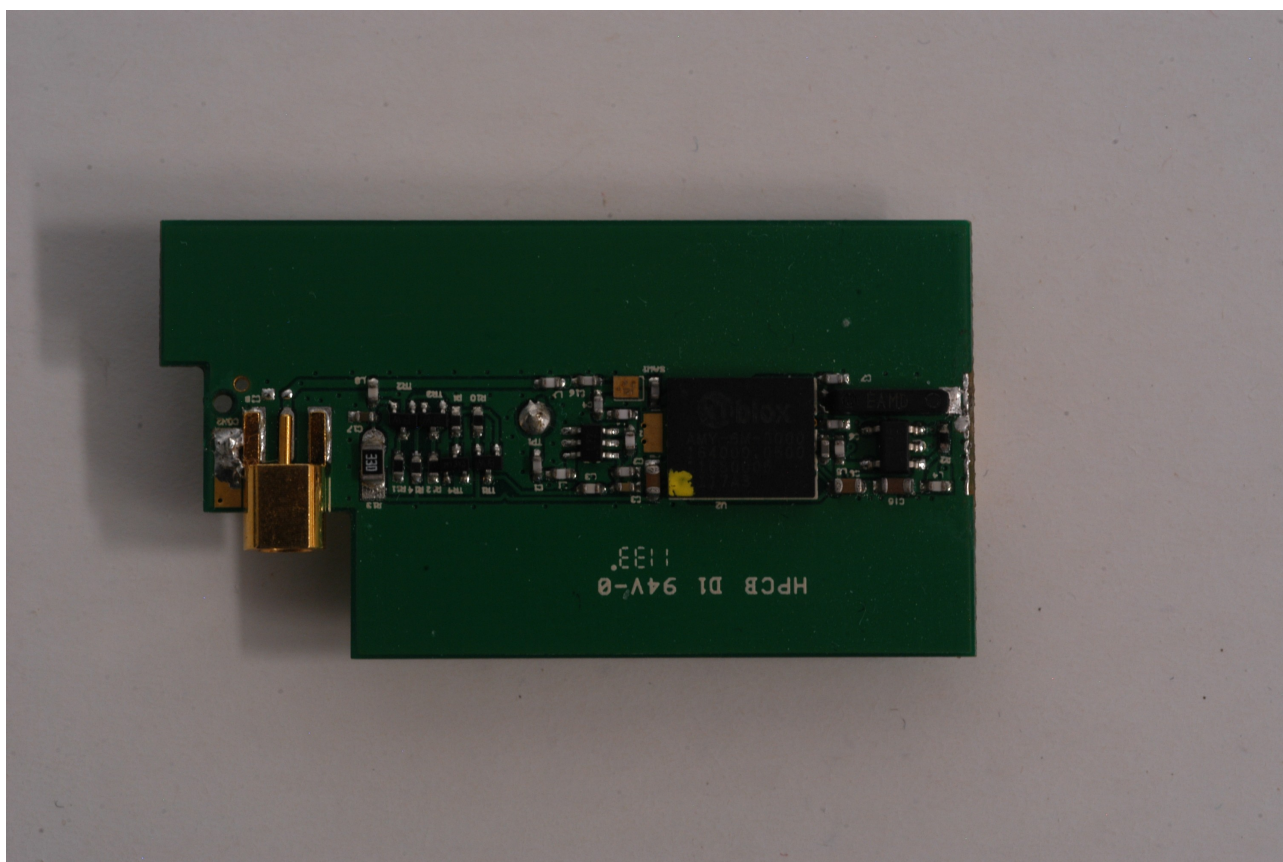
**XB-6000 is a deconfigured variant of the XB-8000 as it does not include the User Interface Processor board but is otherwise identical.*

Internal Photos – Modules, PCB Assemblies

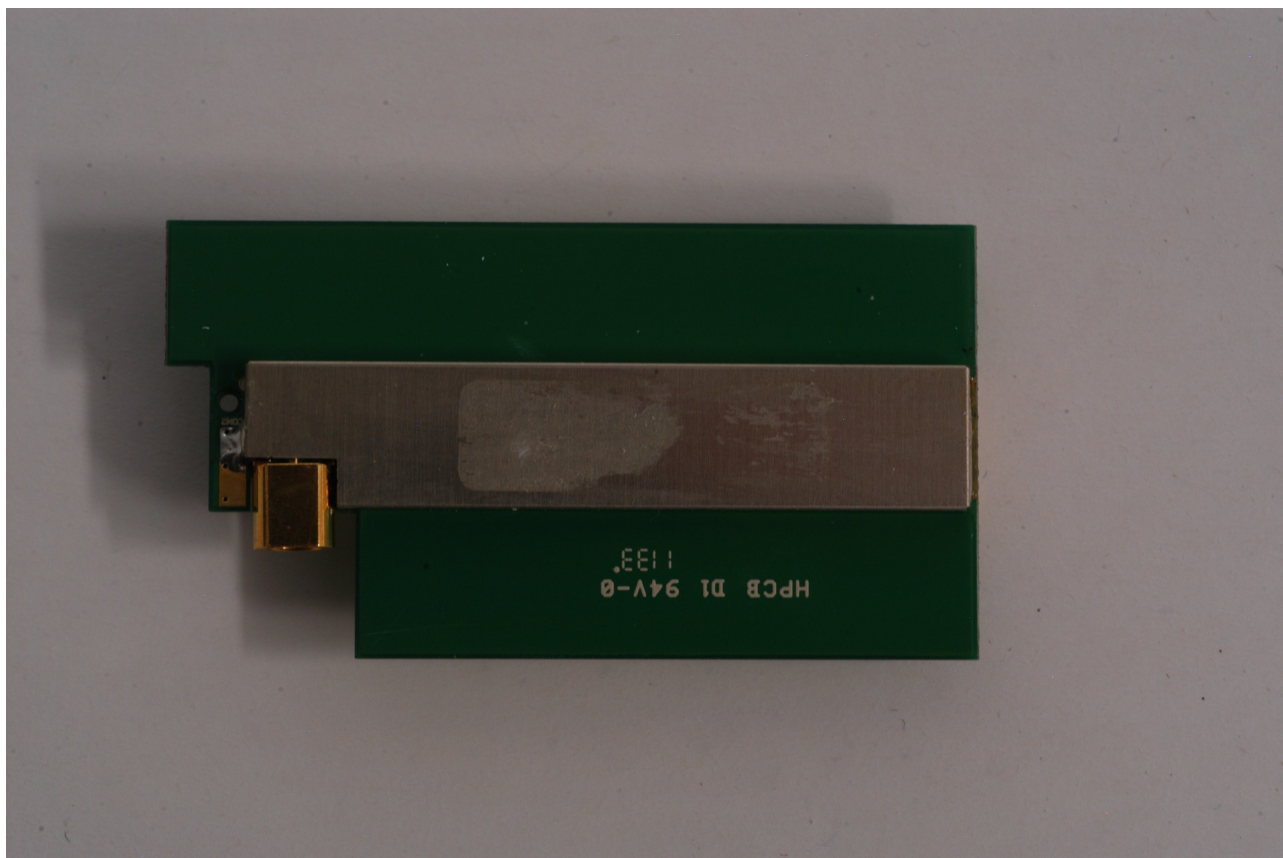
GPS Module



GPS Module – Top Side



GPS Module (Shield Removed) – Bottom Side



GPS Module (Shield Fitted) – Bottom Side

LCD Module



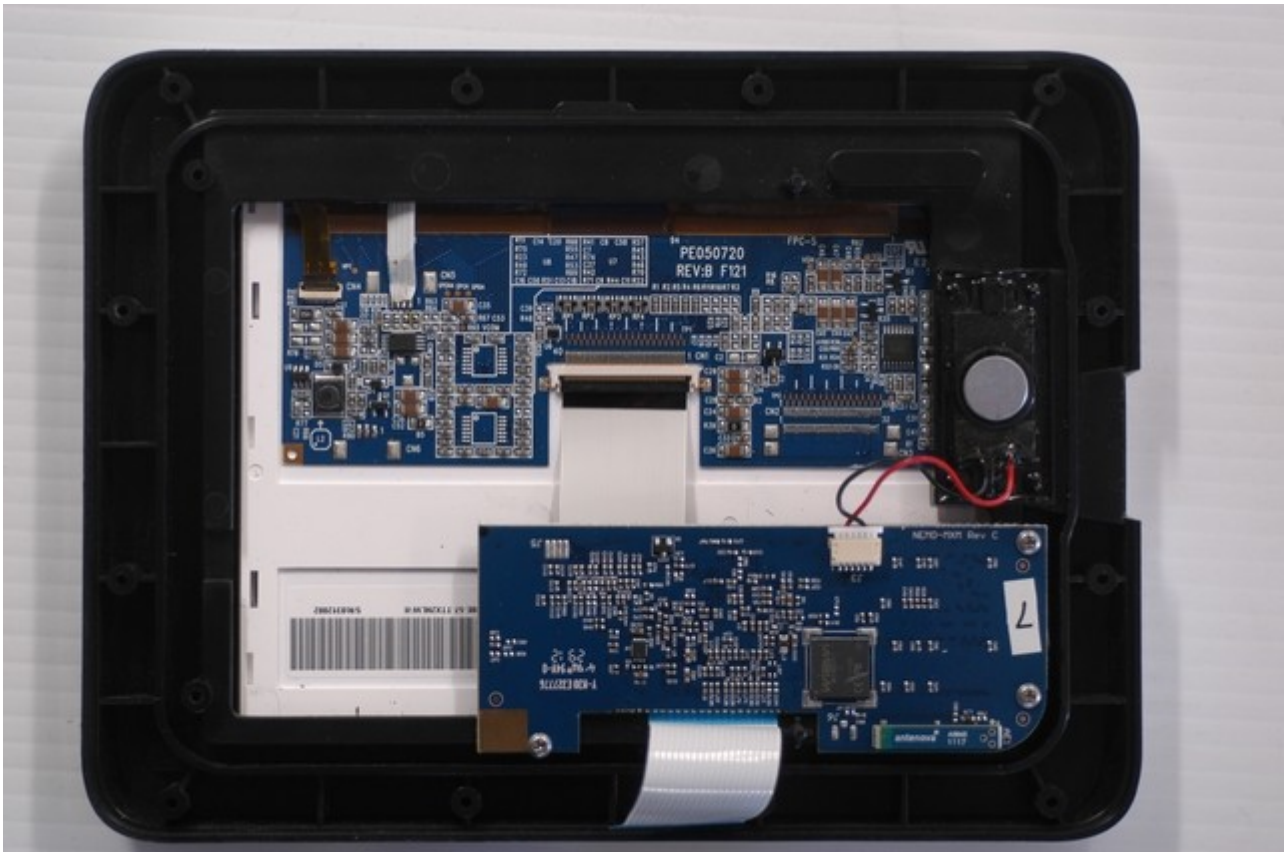
LCD Module – Front



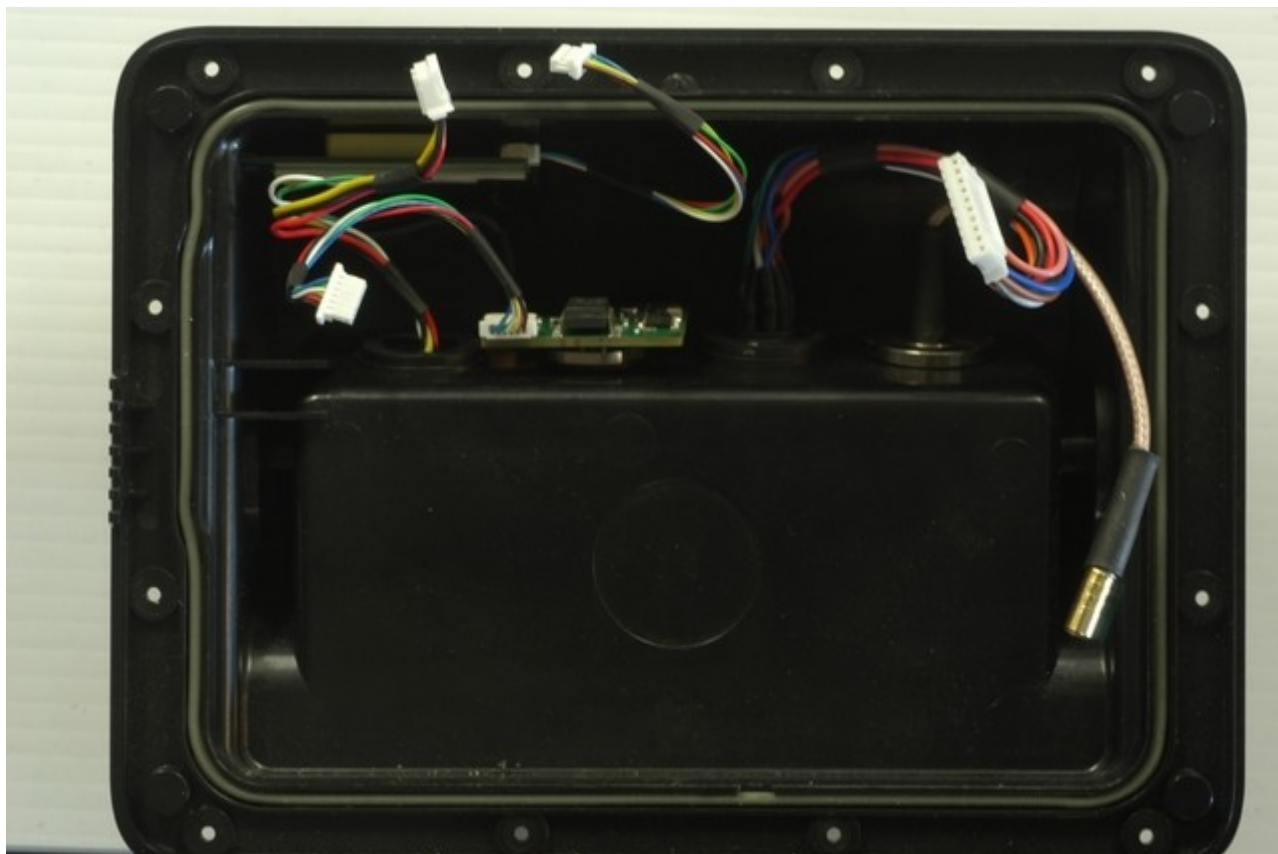
LCD Module – Rear

Internal Photos – Assembly stack up

WatchMate Vision (XB9000)



WatchMate Vision (XB9000) – Front LCD and User Interface assembly



WatchMate Vision (XB9000) – Rear GPS and External Connectors



WatchMate Vision (XB9000) – Internal Connector Assembly

XB-8000 / XB-6000



XB-8000 – Rear AIS Engine and User Interface Processor

Note, XB-6000 is as shown but without the XB User Interface Processor



XB-8000 – Internal Connector assembly

Note, XB-6000 is as shown but without the XB User Interface Processor