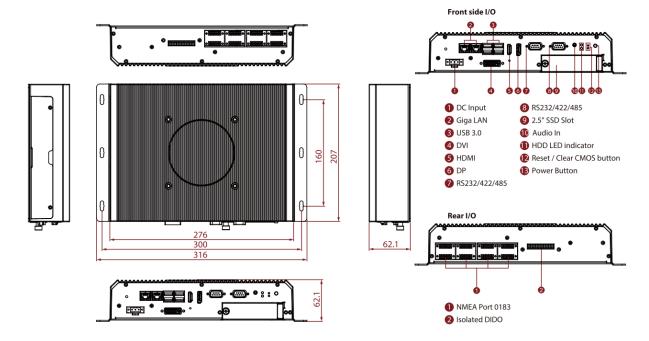
DEEPINSPECT MARITIME PROBE

In maritime environments, robust hardware is essential to withstand harsh conditions and ensure seamless operations. The DeepInspect Maritime Probe is tailored for areas with heavier data traffic and more extensive network management needs. It excels in handling higher volumes of data and complex processing tasks, making it perfect for command centers on large vessels or maritime installations where performance is paramount. The DeepInspect Maritime Probe is DNV (Det Norske Veritas) certified, guaranteeing its resilience against wide temperature variations, high humidity, and continuous vibrations. Wired and completely air-gapped, the DeepInspect Maritime Probe not only operates independently but also manages the **Maritime Data Gatherer** by collecting and storing substantial volumes of data, ensuring optimal resource utilization and security.



MAIN COMPONENTS AND DIMENSIONS



MARITIME PROBE - SPECIFICATIONS TABLE

Weight3900gOperating Temperature-15*C - +55*C/5*F - +131*FStorage Temperature30*C - +70*C/-22*F - +185*FHumidity5% ~ 95% non-condensingProcessorIntel Core 15-T135G7 2.4GHZ (up to 4.2GHZ)Memory2 x SODIMM, DDR4 2133 MHZ, 4G 8GB (Optional) 16GB (Optional) 32GB (Optional)Storage2 x SODIMM, DDR4 2133 MHZ, 4G SGB (Optional) 12GB (Optional)Storage2 x SOE (Optional) 512GB (Optional) 512GB (Optional)Storage2 SGGB (Optional) 512GB (Optional)Storage1 x M1 128GB 2 SGGB (Optional)USB Port4 x USB 3.0 Serial Port 2 x RS232/422/485Serial Port2 x RS232/422/485Serial Port2 x S232/422/485Video1 x DVI 1 x Display Port 1 x N DISP Port 2 x 2.5* Removable 64GB SSD/HDD up to 512GB (Optional)LAN2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outMEA8 x NMEA 0183 PortMeuntingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9-36V DC Input AcceptableConsumption50W	Dimension WxDxH	316.44mm x 206.8mm x 62.1mm
Storage Temperature30°C - +70°C/-22°F - +185°FHumidity5% ~ 95% non-condensingProcessorIntel Core i5-1135G7 2.4GHz (up to 4.2GHz)Memory2 x SODIMM, DDR4 2133 MHz, 4G 8GB (Optional) 32GB (Optional) 32GB (Optional)Storage2 x SODIMM, DDR4 2133 MHz, 4G 8GB (Optional) 32GB (Optional)Storage1 x M.2 128GB 256GB (Optional) 512GB (Optional)Storage1 x M.2 128GB 256GB (Optional) 512GB (Optional)Storage256GB (Optional) 512GB (Optional)Ethernet ControllerIntel® Ethernet Controller 1211-AT + Intel® Ethernet Connection 1219-LMShock15G,11ms durationVibration0.7g@DNVGL CG-0339 (Class A)IP RatingIP30CertificationDNVGL-CG-0339 IEC 60945 4th Edition (Test Report Available)USB Port4 x USB 3.0 Serial Port 2 x RS232/422/485Serial Port2 x RS232/422/485Video1 x DVI 1 x DIbI Output (Optional)Audio1 x Audio combo 3.5mm audio combo jackExpansion Port2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x MMEA 0183 PortMountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Weight	3900g
Humidity5% ~ 95% non-condensingProcessorIntel Core 15-1135G7 2.4GHz (up to 4.2GHz)Memory2 x SODIMM, DDR4 2133 MHz, 4G 8GB (Optional) 32GB (Optional) 32GB (Optional)Storage1 x M.2 128GB 256GB (Optional) 312GB (Optional)Storage1 x M.2 128GB 256GB (Optional) 312GB (Optional)Ethernet ControllerIntel® Ethernet Controller 1211-AT + Intel® Ethernet Connection 1219-LMShock15G,11ms durationVibration0.7g@DNVGL CG-0339 (Class A)IP RatingIP30CertificationDNVGL-CG-0339 IEC 60945 4th Edition (Test Report Available)USB Port4 x USB 3.0 Serial Port 2 x RS232/422/485Serial Port2 x RS232/422/485Video1 x DVI 1 x Display Port 1 x HOMI Output (Optional)Audio1 x Audio combo 3.5mm audio combo jackExpansion Port2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x NMEA 0183 PortMaountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Operating Temperature	-15°C – +55°C/5°F – +131°F
ProcessorIntel Core i5-1135G7 2.4GHz (up to 4.2GHz)Memory2 x SODIMM, DDR4 2133 MHz, 4G 8GB (Optional) 32GB (Optional) 32GB (Optional) 32GB (Optional)Storage1 x M.2 128GB 256GB (Optional) 512GB (Optional)Ethernet ControllerIntel® Ethernet Controller 1211-AT + Intel® Ethernet Connection 1219-LMShock15G,11ms durationVibration0.7g@DNVGL CG-0339 (Class A)IP RatingIP30CertificationDNVGL-CG-0339 (Iclass A)ID RatingIP30CertificationDNVGL-CG-0339 (Iclass A)USB Port4 x USB 3.0 Serial Port 2 x RS232/422/485Serial Port2 x RS232/422/485Video1 x DVI 1 x Display Port 1 x HDMI Output (Optional)Audio1 x Audio combo 3.5mm audio combo jackExpansion Port2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x NMEA 0183 PortMeantingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Storage Temperature	30°C - +70°C/-22°F - +185°F
Memory2 x SODIMM, DDR4 2133 MHz, 4G 8GB (Optional) 32GB (Optional) 32GB (Optional) 32GB (Optional)Storage1 x M.2 128GB 256GB (Optional) 512GB (Optional)Ethernet ControllerIntel® Ethernet Controller 1211-AT + Intel® Ethernet Connection 1219-LMShock15G,11ms durationVibration0.7g@DNVGL CG-0339 (Class A)IP RatingIP30CertificationDNVGL-CG-0339 IEC 60945 4th Edition (Test Report Available)USB Port4 x USB 3.0 Serial Port 2 x RS232/422/485Serial Port2 x RS232/422/485Video1 x DVI 1 x DDIA Upput (Optional)Audio1 x Audio combo 3.5mm audio combo jackExpansion Port2 x 2.5" Removable 64GB SSD/HDD up to 512GB (Optional)LAN2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x NMEA 0183 PortMeuntingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Humidity	5% ~ 95% non-condensing
Memory8GB (Optional) 32GB (Optional) 32GB (Optional) 512GB (Optional) 512GB (Optional) 512GB (Optional)Storage1 x M.2 128GB 256GB (Optional) 512GB (Optional) 512GB (Optional)Ethernet ControllerIntel® Ethernet Controller I211-AT + Intel® Ethernet Connection I219-LMShock15G,11ms durationVibration0.7g@DNVGL CG-0339 (Class A)IP RatingIP30CertificationCE / FCC DNVGL-CG-0339 IEC 60945 4th Edition (Test Report Available)USB Port4 x USB 3.0 Serial Port 2 x RS232/422/485Serial Port2 x RS232/422/485Video1 x DVI 1 x DVI 1 x DDNI Output (Optional)Audio1 x Audio combo 3.5mm audio combo jackExpansion Port2 x 2.5" Removable 64GB SSD/HDD up to 512GB (Optional)LAN2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x NMEA 0183 PortMountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Processor	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)
Storage256GB (Optional) 512GB (Optional)Ethernet ControllerIntel® Ethernet Controller 1211-AT + Intel® Ethernet Connection 1219-LMShock15G,11ms durationVibration0.7g@DNVGL CG-0339 (Class A)IP RatingIP30CertificationCE / FCC DNVGL-CG-0339 IEC 60945 4th Edition (Test Report Available)USB Port4 x USB 3.0 Serial Port 2 x RS232/422/485Serial Port2 x RS232/422/485Video1 x DVI 1 x Display Port 1 x DMI Output (Optional)Audio1 x Audio combo 3.5mm audio combo jackExpansion Port2 x 2.5" Removable 64GB SSD/HDD up to 512GB (Optional)LAN2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x NMEA 0183 PortMountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Memory	8GB (Optional) 16GB (Optional)
Ethernet ControllerIntel® Ethernet Connection 1219-LMShock15G,11ms durationVibration0.7g@DNVGL CG-0339 (Class A)IP RatingIP30CertificationDNVGL-CG-0339 (Test Report Available)USB Port4 x USB 3.0 Serial Port 2 x RS232/422/485Serial Port2 x RS232/422/485Video1 x DVI 1 x Display Port 1 x HDMI Output (Optional)Audio1 x Audio combo 3.5mm audio combo jackExpansion Port2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x NMEA 0183 PortMountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Storage	256GB (Optional)
Vibration0.7g@DNVGL CG-0339 (Class A)IP RatingIP30CertificationCE / FCC DNVGL-CG-0339 IEC 60945 4th Edition (Test Report Available)USB Port4 x USB 3.0 Serial Port 2 x RS232/422/485Serial Port2 x RS232/422/485Video1 x DVI 1 x Display Port 1 x HDMI Output (Optional)Audio1 x Audio combo 3.5mm audio combo jackExpansion Port2 x 2.5" Removable 64GB SSD/HDD up to 512GB (Optional)LAN2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x NMEA 0183 PortMountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Ethernet Controller	
IP RatingIP 30CertificationCE / FCC DNVGL-CG-0339 IEC 60945 4th Edition (Test Report Available)USB Port4 x USB 3.0 Serial Port 2 x RS232/422/485Serial Port2 x RS232/422/485Video1 x DVI X DVI X DVIDUTU (Optional)Audio1 x Audio combo 3.5mm audio combo jackExpansion Port2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x NMEA 0183 PortMountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Shock	15G,11ms duration
CE / FCC DNVGL-CG-0339 IEC 60945 4th Edition (Test Report Available)USB Port4 x USB 3.0 Serial Port 2 x RS232/422/485Serial Port2 x RS232/422/485Video1 x DVI 1 x Display Port 1 x HDMI Output (Optional)Audio1 x Audio combo 3.5mm audio combo jackExpansion Port2 x 2 .5" Removable 64GB SSD/HDD up to 512GB (Optional)LAN2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x NMEA 0183 PortMountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Vibration	0.7g@DNVGL CG-0339 (Class A)
CertificationDNVGLCG-0339 IEC 60945 4th Edition (Test Report Available)USB Port4 x USB 3.0 Serial Port 2 x RS232/422/485Serial Port2 x RS232/422/485Video1 x DVI 1 x Display Port 1 x HDMI Output (Optional)Audio1 x Audio combo 3.5mm audio combo jackExpansion Port2 x 2.5" Removable 64GB SSD/HDD up to 512GB (Optional)LAN2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x NMEA 0183 PortMountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	IP Rating	IP30
Serial Port2 x RS232/422/485Video1 x DVI 1 x Display Port 1 x HDMI Output (Optional)Audio1 x Audio combo 3.5mm audio combo jackExpansion Port2 x 2.5" Removable 64GB SSD/HDD up to 512GB (Optional)LAN2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x NMEA 0183 PortMountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Certification	DNVGLCG0339
Video1 x DVI 1 x Display Port 1 x HDMI Output (Optional)Audio1 x Audio combo 3.5mm audio combo jackExpansion Port2 x 2.5" Removable 64GB SSD/HDD up to 512GB (Optional)LAN2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x NMEA 0183 PortMountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	USB Port	4 x USB 3.0 Serial Port 2 x RS232/422/485
Video1 x Display Port 1 x HDMI Output (Optional)Audio1 x Audio combo 3.5mm audio combo jackExpansion Port2 x 2.5" Removable 64GB SSD/HDD up to 512GB (Optional)LAN2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x NMEA 0183 PortMountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Serial Port	2 x RS232/422/485
Expansion Port2 x 2.5" Removable 64GB SSD/HDD up to 512GB (Optional)LAN2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x NMEA 0183 PortMountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Video	1 x Display Port
LAN2 x 1 Gbit LANDIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x NMEA 0183 PortMountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Audio	1 x Audio combo 3.5mm audio combo jack
DIDO8 x Isolated DIDO, 4 In/ 4outNMEA8 x NMEA 0183 PortMountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Expansion Port	2 x 2.5" Removable 64GB SSD/HDD up to 512GB (Optional)
NMEA8 x NMEA 0183 PortMountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	LAN	2 x 1 Gbit LAN
MountingTable MountEnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	DIDO	8 x Isolated DIDO, 4 In/ 4out
EnclosureAluminumCooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	NMEA	8 x NMEA 0183 Port
Cooling SystemFanless DesignPower Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Mounting	Table Mount
Power Rating24V DC In (Approval by Certificate) 9~36V DC Input Acceptable	Enclosure	Aluminum
9~36V DC Input Acceptable	Cooling System	Fanless Design
Consumption 50W	Power Rating	
	Consumption	50W

Intellectual Property Rights

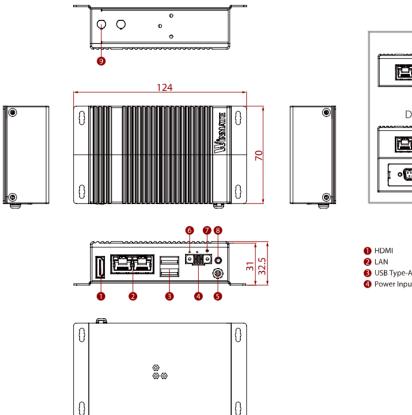
DeepInspect retains its rights, title, and interest in and to all patent rights, trademarks, trade names, inventions, copyrights, know-how, trade secrets and confidential information relating to its products and the design, manufacture, operation, or service of its products, and all the accompanying documentation, including this document. It is forbidden to remove, alter, cover, or obfuscate any trademark, copyright notices or other proprietary rights notices placed or embedded by DeepInspect on this document. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, by photocopying, recording or otherwise, without prior written permission from DeepInspect. Contents and illustrations are subject to change without notice.

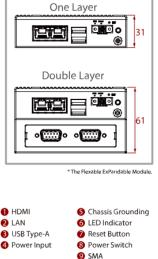
DEEPINSPECT MARITIME DATA GATHERER

Operating in maritime environments requires hardware that can withstand moisture, salt, and extreme weather conditions. The **DeepInspect Maritime Data Gatherer** is specifically designed for scenarios where space is limited or less processing power is needed, while ensuring continuous operation and security even under harsh maritime conditions. The device allows for **efficient management of smaller network segments** without overwhelming the system, making it an ideal choice for **compact installations**. Certified by DNV (Det Norske Veritas), the DeepInspect Maritime Data Gatherer is built to **endure extreme challenges** such as wide temperature variations, high humidity, and constant vibrations. **Completely wired and air-gapped**, the DeepInspect Maritime Data Gatherer connects seamlessly with the **DeepInspect Maritime Probe** for optimal performance and data management.



MAIN COMPONENTS AND DIMENSIONS





MARITIME DATA GATHERER - SPECIFICATIONS TABLE

Dimension WxDxH	100mm x 70mm x 31mm
Weight	400g
Operating Temperature	0°C - +55°C/32°F - +131°F
Storage Temperature	-15°C - +70°C/5°F - +158°F
Humidity	30% ~ 90% non-condensing
Processor	Intel Pentium N4200 1.1GHz (up to 2.5GHz)
Memory	4GB LPDDR4 2400 MHz
Storage	 eMMC: Onboard 32 GB eMMC: Onboard 64 GB (Optional) eMMC: Onboard 128 GB (Optional) mSATA SSD 128GB (Optional)
Ethernet Controller	2 x Intel® Ethernet Controller
Security	TPM 2.0
Shock	Operating, IEC 60068-2-27
Vibration	Operating, IEC 60068-2-64
IP Rating	IP30
Certification	CE / FCC DNVGLCG0339 IEC 60945 4th Edition (Test Report Available)
USB Port	2 x USB3.2 Gen1x1 (Type-A)
Expansion Port	mPCIe: 1 x Full-size mPCIe slot USB Wafer : 2 x USB Wafer
LAN	2 x Giga LAN RJ45 Connector
Video	1 x HDMI 1.4 (Optional)
Indicator	1 x LED Indicator for power
Mini PCIe	1 x Mini PCIE
Mounting	Desk Mounting & Wall Mounting VESA Mounting (Optional) DIN-Rail Mounting (Optional)
Enclosure	Metal
Cooling System	Fanless design
Power Rating	9V to 36V DC, 2-Pin Terminal Block

Intellectual Property Rights

DeepInspect retains its rights, title, and interest in and to all patent rights, trademarks, trade names, inventions, copyrights, know-how, trade secrets and confidential information relating to its products and the design, manufacture, operation, or service of its products, and all the accompanying documentation, including this document. It is forbidden to remove, alter, cover, or obfuscate any trademark, copyright notices or other proprietary rights notices placed or embedded by DeepInspect on this document. No part of this document may be reproduced or transmitted in any form or by any means, electronic, mechanical, by photocopying, recording or otherwise, without prior written permission from DeepInspect. Contents and illustrations are subject to change without notice.

