



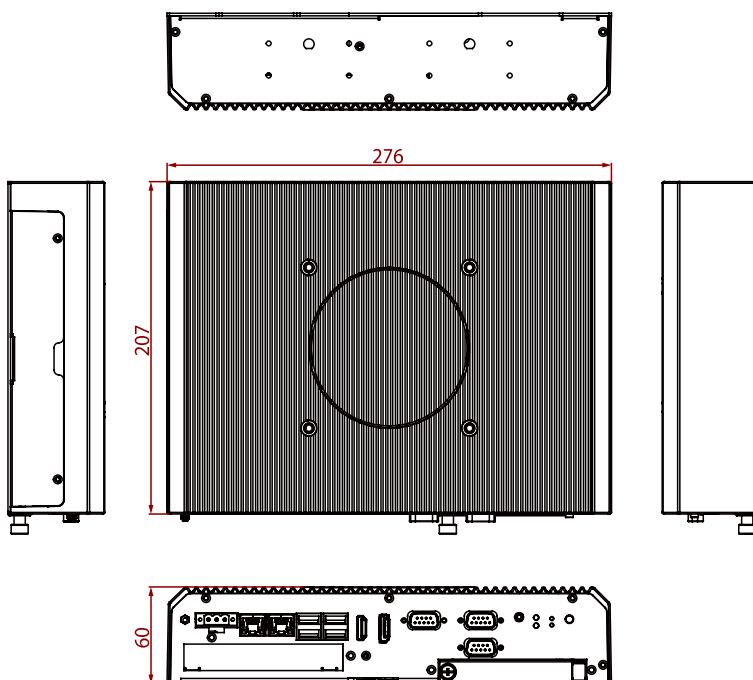
DEEPIINSPECT OIL & GAS PROBE

In applications such as oil and gas, where **hazardous environments** and **explosive atmospheres** are common, **device safety and compliance with stringent regulatory standards are crucial**. The **DeepInspect Oil&Gas Probe** is expertly engineered to meet these rigorous requirements, with **certifications that ensure its resilience and safety in hazardous area applications**. Class 1, Division 2, ATEX Zone 2, and IECEx certifications underscore its ability to **operate safely** in explosive atmospheres, offering **unparalleled reliability, security, and interoperability** within oil and gas infrastructure. Designed to withstand electromagnetic interference, temperature fluctuations, and physical strain, the DeepInspect Oil&Gas Probe delivers reliable and robust performance in the demanding conditions of oil and gas environments. The DeepInspect Oil&Gas Probe is equipped with **antennas** enhancing its capabilities in **monitoring and**

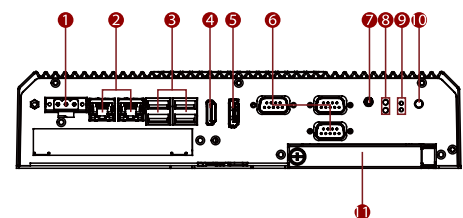
data collection in remote and challenging environments. The inclusion of WLAN support allows for seamless wireless communication, reducing the need for extensive cabling and simplifying operations.



MAIN COMPONENTS & DIMENSIONS



Front side I/O



- 1 Power Input
- 2 Giga LAN
- 3 USB 3.2 Gen.1
- 4 HDMI
- 5 DP
- 6 COM
- 7 Audio Combo Connector (Mic in / Line Out)
- 8 HDD LED indicator
- 9 Reset / Clear CMOS button
- 10 Power Switch
- 11 Removable HDD/ SSD Slot



OIL&GAS PROBE - SPECIFICATIONS TABLE

Dimension WxDxH	276 x 207 x 60 mm
Weight	3000g
Mounting	VESA Mount
Enclosure	Metal Housing
Cooling System	Fanless design
Operating Humidity	10% to 90% RH, NonCondensing
Operating Temperature	-20°C – +60°C/-4°F – +140°F
Storage Temperature	-20°C – +60°C/-4°F – +140°F
WLAN	Support 802.11a/b/g/n/ac and operating on 2.4 GHz and 5 GHz (Optional)
BT	Support BT 4.0 (Optional)
4G	Support: LTE Band 1 (2100 MHz) (Optional) LTE Band 3 (1800 MHz) (Optional) LTE Band 7 (2600 MHz) (Optional) LTE Band 8 (900 MHz) (Optional) LTE Band 20 (800 MHz) (Optional)
Expansion Port	Modular Design for easy service in the field
Processor	Intel Core i51135G7 2.4GHz (up to 4.2GHz)
Memory	<ul style="list-style-type: none">• 2 x SODIMM, DDR4 3200 MHz, 4GB• 8GB (Optional)• 16GB (Optional)• 32GB (Optional)
Storage	<ul style="list-style-type: none">• 1 x M.2 2280 NVMe SSD, 128GB up to 512GB• 1 x 2.5" Removable 256GB SSD up to 512GB (Optional)
Ethernet Controller	<ul style="list-style-type: none">• Intel® Ethernet Controller I211AT +• Intel® Ethernet Connection I219LM
Security	Trusted Platform Module (TPM) 2.0
Certification	<ul style="list-style-type: none">• CE, FCC• Class 1, Division 2, Group A, B, C, D, T5• Compliance with ATEX grade zone 2
Power Input	1 x 9~29V DC, 3Pin Terminal Block
USB Port	4 x USB 3.2 Gen.1 (TypeA)
Serial Port	<ul style="list-style-type: none">• 2 x RS232/422/485 (Default RS232)• 1 x RS232
Video	<ul style="list-style-type: none">• 1 x DP1.4• 1 x HDMI 2.0 (Optional)
Audio	1 x Audio Combo Connector (Mic in / Line Out)

Expansion Port	<ul style="list-style-type: none"> • 1 x mPCIe slot • 1 x PCIe x16 slot (x4 signal)(module max size:180x121mm) • 1 x M.2 2230 Key E slot for WiFi • 1 x M.2 2280 Key M slot for NVMe SSD • Swappable 2.5" HDD/SSD Bay Slot
LAN	2 x Giga LAN RJ45 Connector
Indicator	1 x LED Indicator for storage
Button	<ul style="list-style-type: none"> • 1 x Power Button with LED Indicator • 1 x Reset Button
Accessory	<ul style="list-style-type: none"> • 100~240V AC to DC Adapter • Power Cord • Open Wire Cable with terminal block connector • VESA screws
Power Rating	9V~29V DC with protection fuse
Adapter	12V 84W
Consumption	45W~55W

WHY DEEPIINSPECT

PLATFORM KEY POINTS



Patented solution



Type-approved hardware certified for energy, transportation and maritime application



Generate alerts using Anomaly Detection based on network segment communication patterns



Automated Asset Discovery in OT environments for improved network visibility



Ability to operate effectively even in air-gapped environments



Possibility of third-party system integration such as SOC/SIEM or risk analysis tools

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.