

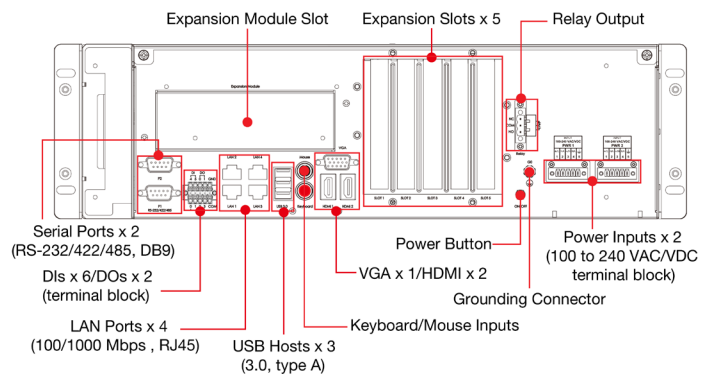
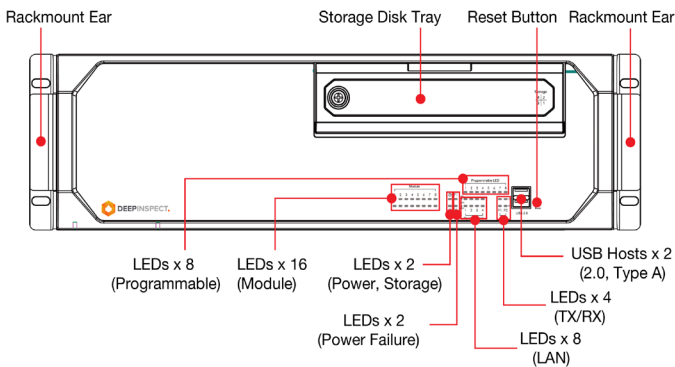


DEEPIINSPECT ENERGY & TRANSPORTATION PROBE

In applications such as transportation, railway, energy or where the presence of high voltage electricity is involved, device safety and compatibility with harsh conditions and regulatory standards are essential. The **DeepInspect Energy & Transportation Probe** is meticulously engineered to meet the stringent requirements of the transportation and energy industry, with type approvals that attest to its resilience and safety in rail operations and high voltage environments. These settings are subjected to electromagnetic interference, temperature fluctuations, and physical strain, yet our probe adeptly manages substantial on-field data. EN 50121-4 certification underscores its ability to endure tough conditions, ensuring reliability, security, and interoperability within the infrastructure network.

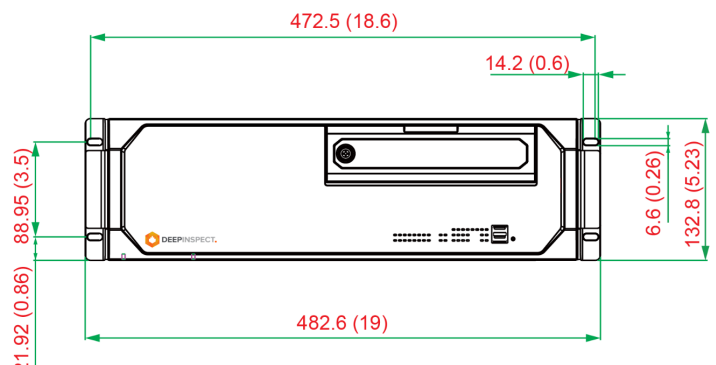
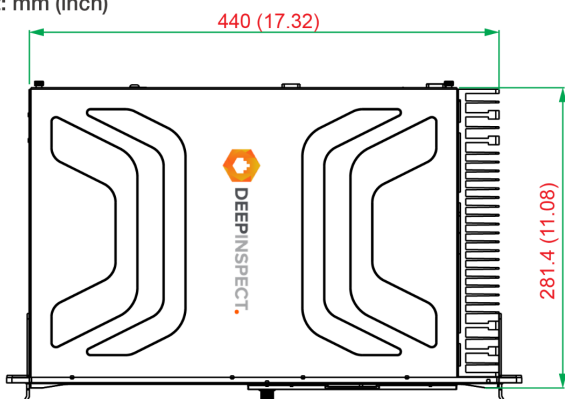


MAIN COMPONENTS



DIMENSIONS

Unit: mm (inch)



SCALABILITY

DeepInspect's Energy & Transportation probe comes in two key variants: the **Base** and **Advanced** versions.

The main distinctions lie in networking capabilities, memory, and storage. Recognizing the evolving needs of operational environments, DeepInspect provides

upgrade kits that can elevate the Base version to Advanced. These kits include enhancements like additional RAM, expanded storage, and increased LAN ports, enabling organizations to scale device capabilities as operational demands evolve.

ENERGY& TRANSPORTATION PROBE **BASE VERSION** - SPECIFICATIONS TABLE

Dimension WxDxH	440mm x 281.4mm x 132.8mm
Weight	14000g
Operating Temperature	-25°C – +55°C/-13°F – +131°F
Storage Temperature	-40°C – +85°C/-40°F – +185°F
Humidity	5% ~ 95% non-condensing
Thermal emission	About 270 BTU/h
Video Output	<ul style="list-style-type: none">• HDMI x 2, HDMI connector (type A)• VGA x 1, 15-pin D-sub connector (female)
Serial Ports	<ul style="list-style-type: none">• RS-232/422/485 (DB9 male) ports x 2• VGA x 1/HDMI x 2• DIs x 6/DOs x 2
USB	<ul style="list-style-type: none">• USB Hosts x 3 (3.0, Type A)• USB Hosts x 2 (2.0, Type A)
Ethernet Ports	Auto-sensing 10/100/1000 Mbps ports (RJ45 connector) x 4
CPU	X86 3U Intel Core Xeon E3-1505M v6 CPU
Memory	32 GB DDR4 2400Mhz with ECC
Storage	128GB mSATA SSD (for O.S.) 512GB SSD 2,5"
Power supply	dual 100 to 240 VAC/VDC, 1.15 A (max)
Power Consumption	86 watt
Certifications:	
Railway Type-Approved	EN 50121-4
EMC	EN 61000-6-2/-6-4 EN 55032/35
EMS	IEC 61000-4-2, 4-3, 4-4, 4-5, 4-6, 4-8, 4-11
Power Substation	IEC 61850-3 IEEE 1613
Protection Relay	IEC 60255
Safety	IEC 60950-1 IEC 62368-1 UL 62368-1
Shock	IEC 61850-3 Edition 2.0 IEC 60068-2-27 IEC 60255-21-2
Green Product	RoHS, CROHS, WEEE

ENERGY & TRANSPORTATION PROBE **ADVANCED VERSION** - SPECIFICATIONS TABLE

Dimension WxDxH	440mm x 281.4mm x 132.8mm
Weight	14000g
Operating Temperature	-25°C – +55°C/-13°F – +131°F
Storage Temperature	-40°C – +85°C/-40°F – +185°F
Humidity	5% ~ 95% non-condensing
Thermal emission	About 270 BTU/h
Video Output	<ul style="list-style-type: none"> • HDMI x 2, HDMI connector (type A) • VGA x 1, 15-pin D-sub connector (female)
Serial Ports	<ul style="list-style-type: none"> • RS-232/422/485 (DB9 male) ports x 2 • VGA x 1/HDMI x 2 • DIs x 6/DOs x 2
USB	<ul style="list-style-type: none"> • USB Hosts x 3 (3.0, Type A) • USB Hosts x 2 (2.0, Type A)
Ethernet Ports	Auto-sensing 10/100/1000 Mbps ports (RJ45 connector) x 20
CPU	X86 3U Intel Core Xeon E3-1505M v6 CPU
Memory	64 GB DDR4 2400Mhz with ECC
Storage	128GB mSATA SSD (for O.S.) 2 x 1TB SSD 2,5" Raid1 (Max 4TB Raid1)
Power supply	dual 100 to 240 VAC/VDC, 1.15 A (max)
Power Consumption	86 watt
Certifications:	
Railway Type-Approved	EN 50121-4
EMC	EN 61000-6-2/-6-4 EN 55032/35
EMS	IEC 61000-4-2, 4-3, 4-4, 4-5, 4-6, 4-8, 4-11
Power Substation	IEC 61850-3 IEEE 1613
Protection Relay	IEC 60255
Safety	IEC 60950-1 IEC 62368-1 UL 62368-1
Shock	IEC 61850-3 Edition 2.0 IEC 60068-2-27 IEC 60255-21-2
Green Product	RoHS, CRoHS, WEEE

ENERGY & TRANSPORTATION PROBE UPGRADE KIT (FOR BASE VERSION) - SPECIFICATIONS TABLE

RAM Upgrade	32GB to 64GB
Disk Upgrade	2 x 1TB SSD in RAID 1
Ethernet Port Upgrade	From 4 to 20 1GbE LAN

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

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