



IEI Marine PPC

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IEI Marine System

Agenda

Product Features

Marine Certificated

Vibration Video Demo



IEI Marine System

IEI Marine PPC

Marine Panel PC & Embedded System

Marine
Monitor
Series

S24M



Marine
Panel PC
Series

S24A



Maritime
Embedded
System

SBOX

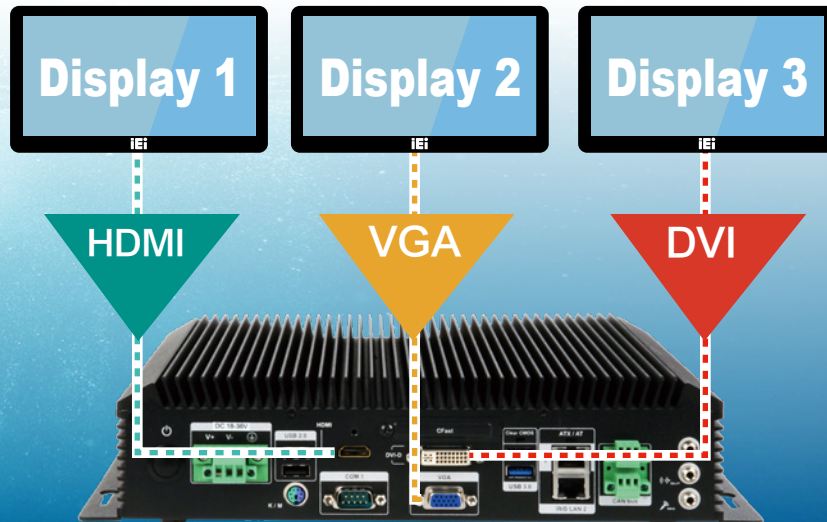


Full Fanless Design and Multi Display

- Intel® Core™ i5 High Performance Computing Power in a Fanless Design



- 3 independent displays: HDMI, DVI, and VGA

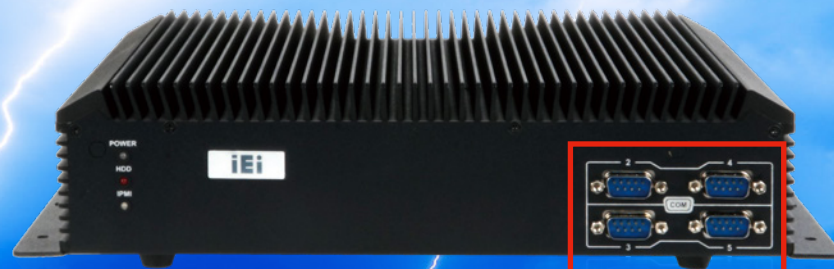


Multiple Isolated Ports for Comprehensive Protection against Electrical Surges

■ Two independent CAN 2.0B channels with 2.5 kV isolation protection



■ 2.5 kV isolation protection on the RS-232/422/485



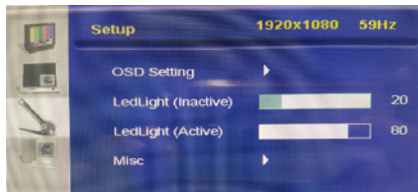
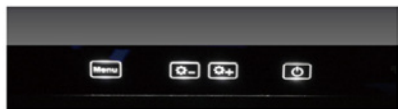
■ 2.25 kV isolation protection on the 18 V~36 V DC power Input to Output Basic Insulation

Front Panel Application and User Friendly Remote Monitor

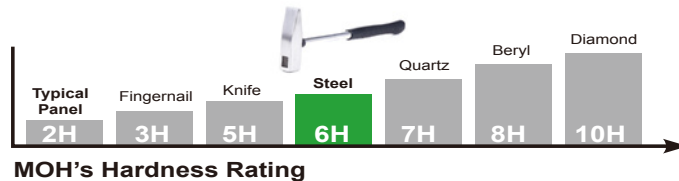
- Picture-in-Picture (PIP) Function & Surveillance Application



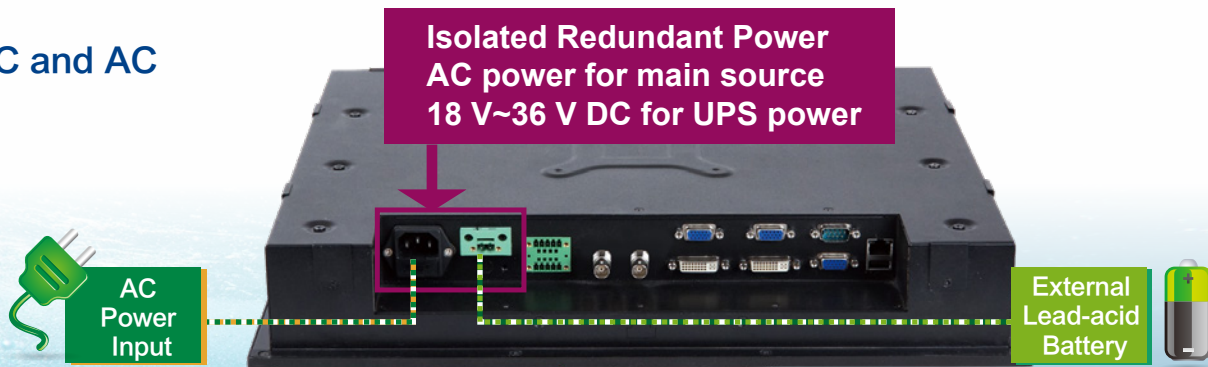
- OSD Control on Front Panel



- 6H Multiple Projected Capacitive Touchscreen 6H



■ Redundant Power System DC and AC power input



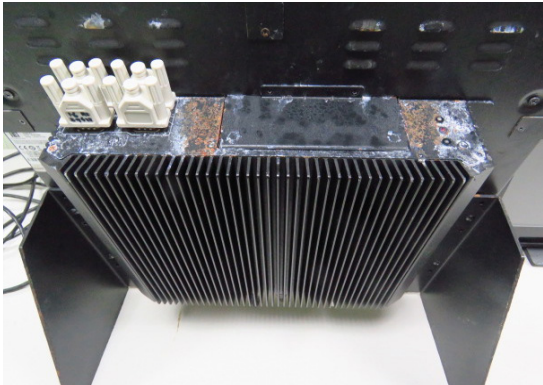
The diagram illustrates the SxxM system architecture. It shows an **Access Point** connected to an **SBOX** (System Box). The SBOX is connected to a **LAN** (Local Area Network). The LAN is connected to multiple **SxxM** (System xM) units. The text **Up to 16 Units** indicates the maximum number of SxxM units that can be connected to the LAN. The SxxM units are shown displaying a map of the world. The diagram also shows the connection between the SBOX and the SxxM units via **VGA** (Video Graphics Array) and **RS-422/485** (serial communication) interfaces. The SxxM units are connected to the LAN via **RS-232** (serial communication) and **LAN** (Local Area Network) interfaces.

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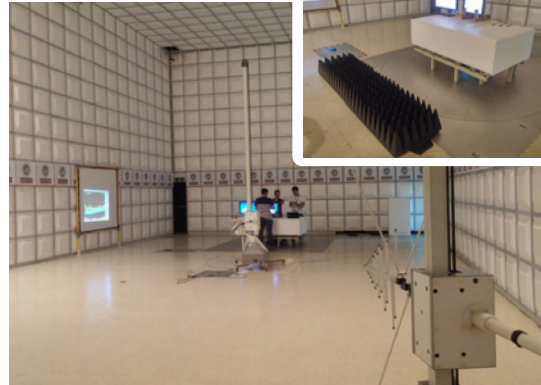


DNV-GL is a global quality assurance and risk management company
The test specification include IEC60945 & IACS-E10
(IEI Marine product test standard base on ship bridge)

Salt spray test



EMC test



Vibration test



Vibration Video Demo





Installation Guide



IEI Marine System

S24A + S24M + SBOX