

THALES WAVELINK

CO-PILOT AT SEA – OFFERING GMDSS, LRIT, SSAS, AND MORE



A next-generation GMDSS solution, Thales WaveLINK, combines built-in onboard safety features with a wide range of applications to support industry-specific operations at sea. Powered by Iridium Certus, Thales WaveLINK delivers Maritime Safety Information (MSI), Long-Range Identification Tracking (LRIT), and Ship Security Alert System (SSAS), and comes equipped with OpenBridge front-end software to ensure seamless integration over a familiar user interface. Scalable by design, this panel computer with a 10.1" colour multi-touch display connects with Thales VesselINK and complements existing Certus terminals to enable third-party applications on demand, such as fish-catch reporting, search and rescue coordination, and more.

FEATURES



GMDSS

Distress Voice, Alert & MSI



SSAS

Ship Security Alert System



LRIT

Long-Range Identification
Tracking



OPEN-BRIDGE

Frontend interface



INTEGRATION:

Compatible with external apps



USER-FRIENDLY

Colour LCD touch display

SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Active Display Size: 10.1"
(216.96 x 135.60 mm)

Dimensions: 300 x 210 x 45 mm

Weight: 2.5 kg

Processor: CPU Intel® Atom x6425E @ 2.0 GHz (2.7 GHz)

Storage: 64 GB eMMC 5.1 onboard flash

DISPLAY CAPABILITIES

Resolution: 1280 x 800

Light Intensity: 900 cd/m2

Viewing Angle: +88°

Contrast Ratio: 800:1

Response Time: 13 ms

POWER

Supply: 10 - 32 VDC

Consumption: ~ 35 W

ENVIRONMENTAL CONDITIONS

Temperature:

- Operational: -20°C to +55°C

- Storage: -20°C to +55°C

Mounting & Sealing: IP31

Matching Standards:

- IEC 60945, IEC 60529 (IP)

- IACS E10

- EMC Directive-2014/30/EU

- RoHS

- REACH

INTERFACES

Programmable Soft Keys

Hard Buttons

2 x 10/100/1000 Ethernet RJ45 with TPM

2.0 1 x DisplayPort (DP++) output

1x USB 3.1 Gen2 Type C

2 x USB 3.1 Gen 2 Type A

1 x RS232 (9-pin DSUB)

1 x RS422 (9-pin DSUB)

GPIO Distress Button

SSAS Buttons

BAM Rele

BAMS Integration Display / Printer
(RS-422) Extra Output RS-422 (e.g.
ECDIS)

GPS NMEA Output (RS-422)

USE CASES

PLUG-AND-PLAY GMDSS UPGRADE

Add a 10.1" colour multi-touch display module to transform your existing onboard system into a single GMDSS-certified terminal. Benefit from pole-to-pole connectivity over Iridium Certus and built-in safety features such as MSI, LRIT, and SSAS.

SEAMLESS INTEGRATION

Ensure easy adoption of this panel computer with a familiar user interface – OpenBridge front-end software. Enhance onboard safety with recognisable icons, colour schemes, and brilliance settings specially curated and designed by North Invent.

SCALABLE SOLUTION

Host future digital services such as fish-catch reporting, search and rescue coordination, and tailor-made integrations as per evolving industry-specific needs. Support daily operations and distress communications over a single GMDSS-certified terminal.

