

AIS VISION PRO

High performance AIS class A transponder



The AIS VISION PRO is the world's most advanced commercial grade AIS Class A transceiver – SOLAS and Inland Waterway certified. The AIS VISION PRO is ideal for commercial vessels requiring high performance, reliable AIS with enhanced functionality.

Fully integrated within a single housing the AIS VISION PRO is IPx7 & IPx6 water and weather proof and can be permanently installed and operated externally or in exposed areas. The physical button and dial user interface ensures reliable and consistent operation in all conditions using wet hands or gloves.

The large high-definition colour display supports a significant array of standard and advanced AIS functionality including a basic chart display with AIS tar-

get overlay, critical navigation alerts, target filters and watch lists, alerts and alarms, text messaging, real-time weather data, MOB & SART tracking and much more.

The AIS VISION PRO delivers high performance, processing AIS transmissions in real time even in the busiest areas thanks to the integrated HF-AIS core technology. Built-in flexible connectivity that includes NMEA0183, NMEA2000 and WiFi means the AIS VISION PRO seamlessly connects to bridge and display systems.

The AIS VISION PRO is engineered and built for demanding users who rely on their AIS Class A day after day for their safety, security and operational efficiency.

KEY FEATURES

- Fully certified (SOLAS & CCNR-VTT)
- Water and weather proof (IP66 & IP67)
- Integrated high-resolution colour display
- Built-in basic world chart (accepts C-MAP charts on Micro SD card)
- Integrated long range WiFi connectivity



Sales office:

Shiptron Trading BV,

De Dolfijn 24, 1601MG Enkhuizen, The Netherlands tel.: +31228317004 email: info@shiptrontrading.com

TECHNICAL SPECIFICATIONS

Physical

W x H x D: 152 x 165 x 111 (mm)

Weight: 1,5 kg

Environmental

Operating temperature range: -15°C to +55°C
Maximum operating humidity: 90% at +40°C,
noncondensing Water ingress rating: IPx6, IPx7

Electrical

Supply voltage: 12VDC to 24VDC

Power consumption: transmit 72W, receive 11W

Display and user interface

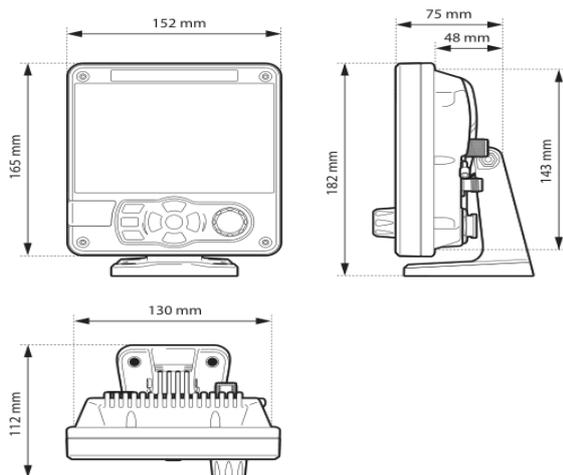
Display: 800 x 480 pixel colour LCD with adjustable
backlight Recommended viewing distance: 45cm
Keypad: Five function keys and three menu keys
with adjustable backlight Rotary control: Encoder
with push function

WiFi

IEEE 802.11g/n

IEEE 802.11b

Dimensions:



Data interface ports

Sensor data input

Number of ports: 3; IEC61162-1 / -2

Baud rate: 4800 baud or 38400 baud

Bi-directional data (including pilot)

Number of ports: 3; IEC61162-1 / -2

Baud rate: 4800 or 38400 baud

Differential correction

Number of ports: 1; IEC61162-1 / -2

ITU 823-2 / RTCM SC-104

Baud rate: 4800 baud or 38400 baud

Blue Sign

Switch input: Active high (2-30 V)

Silent Mode

Switch input: Active high (2-30 V)

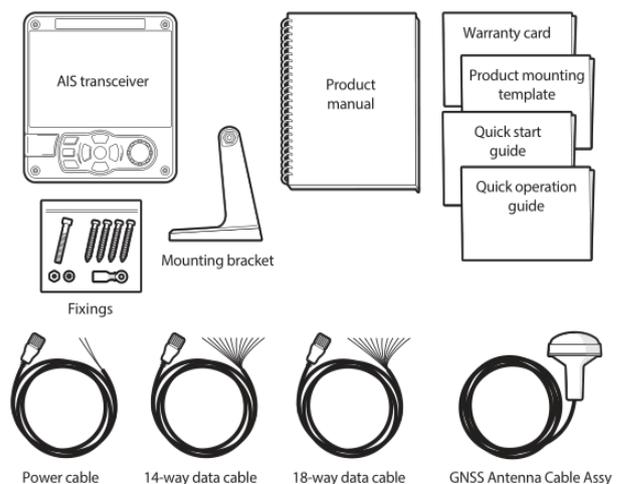
NMEA 2000®

Load equivalency number (LEN): 1

USB

PC/MAC connection

What's in the box?



True Heading Vision Pro complies with the latest MED 2014/90/EU requirements, reg. (EU)2020/1170; UKMA, MSN 1874 Amendment 6 annex 1, IMO Res. A.694(17); MSC.74(69); MSC.191(79); MSC302(87); ITU-R M.1371-5(2014); WSV AIS inland standard 3.0, approval no. (e)R-1-408.

International Testing Standards:

IEC 60945(2002) incl. IEC 60945 Corr. 1(2008);

IEC 61162-1(2016); IEC 61162-2(1998);

IEC 61162-3(2008)+A2(2014); IEC 61993-2(2018);

IEC 62288(2014); IEC 62923-1(2018);

This document is Shipton Trading BV copyright. Shipton's policy is focused on continuous research and development. Therefore, Shipton reserves the right to change specifications without prior notice.



Sales office:

Shipton Trading BV,

De Dolfijn 24, 1601MG Enkhuizen, The Netherlands tel.: +31228317004 email: info@shiptontrading.com