



Product Introduction

PilotLINK 2 – Class A Pilot Plug WiFi Interface

November 2022 : Digital Deep Sea : Tel + 1 978 277 1234
www.digitaldeepsea.com

PilotLINK 2
Part Number: ZDIGPLINK2
UPC: 703791696406
SRP \$319.95

Background

Creates
secure wifi
network



Connects
direct to the
standard
pilot plug
connectors

Powered
from any
USB source
or USB
battery pack

Dear Partner

Welcome to PilotLINK 2

There are well over 100,000 Class A AIS systems installed on vessels globally. While the latest Class A AIS transponders (like the Digital DeepSea CLA2000) already have a wireless interface incorporated for iPad and tablet connectivity, many systems just use a standardised “Pilot Plug” wired interface. This Amphenol standard multi pin design allows NMEA AIS and GPS data to be accessed from the transponder and pilots and delivery captains would use a simple USB interface cable for their personal PC based ECDIS system. However, more and more captains now choose to use an iPad or tablet so need wireless connectivity.

PilotLINK 2 allows these Class A transponders to interface with the latest range of mobile devices including iPhones, tablets and PCs/MACs. Applications range from maritime pilots through to survey ship charter users who may want access to the ship’s AIS and GPS data

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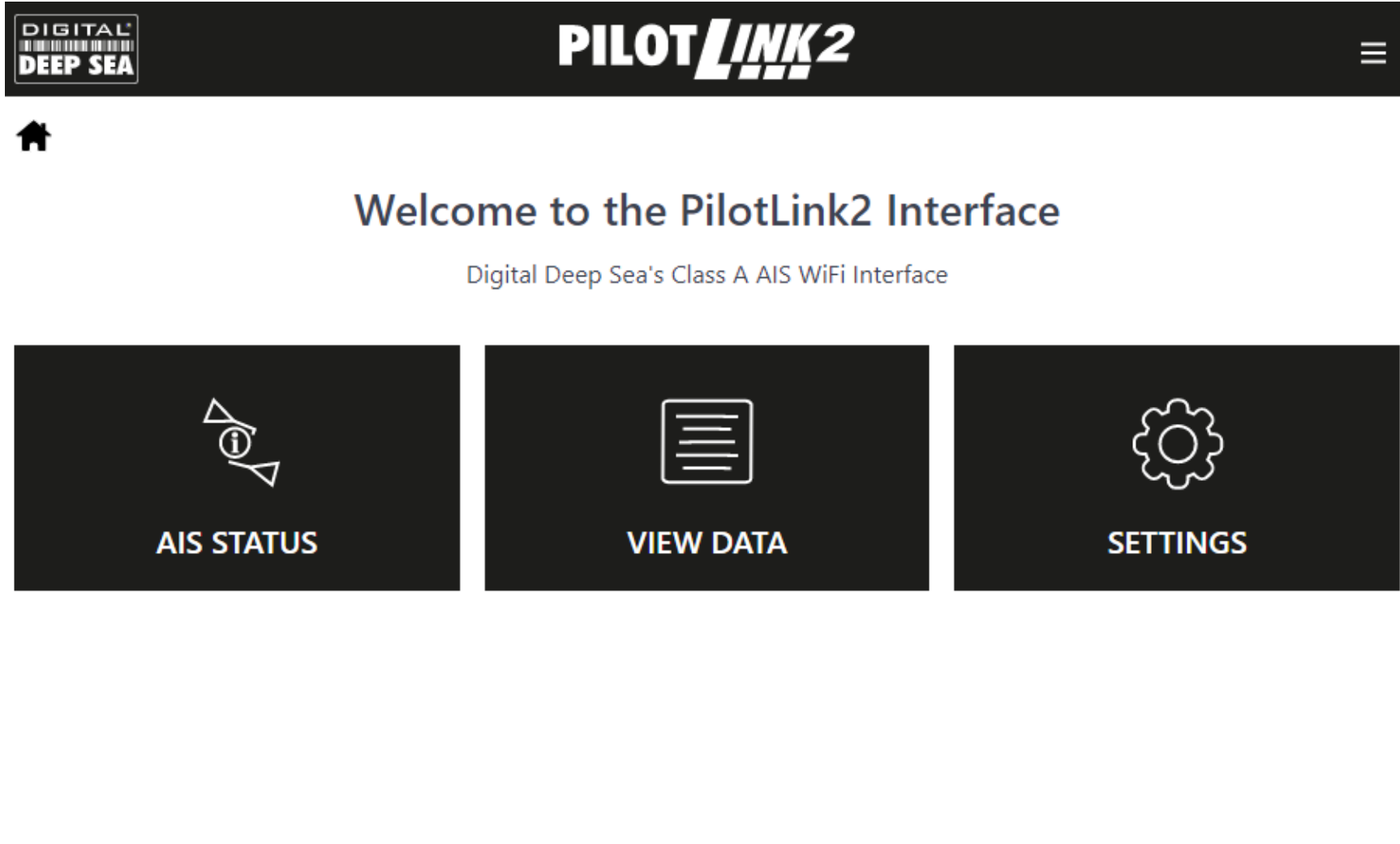


Introduction



- Connects to any standard “Pilot Plug” connector
- USB powered for easy portability – power from any USB source, adaptor or power pack
- Creates secure password protected wifi network
- Can also join another wifi network if preferred
- Easy web interface with useful diagnostics display and Class A static, dynamic and voyage data displays
- Works with 100’s apps – iSailor, Navionics, iNAVx, NavLINK, TZ iBoat, Imray, NV Charts, AquaMaps, Weather 4D etc
- TCP/IP and UDP protocols supported
- Raw data log function

Interface



Set up of PilotLINK is simple using any web browser on the connected device.

View data, set up wireless passwords or join another wireless network and also view Class A AIS status.

Your favourite apps connect using TCP/IP or UDP protocols

Interface

PILOT LINK 2

AIS STATUS

MMSI# 234567890 DUMMYBOAT

DYNAMIC DATA	
Longitude	W 124° 33.5926
Latitude	S 13° 2.6208
COG	59
SOG	23.4 kn
ROT	0 °/min
True Heading	59
Nav Status	1 - At anchor

DIMENSIONS	
Dim. A	12 m
Dim. B	23 m
Dim. C	4 m
Dim. D	5 m

STATIC DATA	
IMO	123456789
Call Sign	CSIGN12
Vessel Type	35 - Vessel (Military operation)

VOYAGE DATA	
ETA	31/1 23:58
Destination	DEFAULT
Max Draught	5.6 m

[Save Boat Details](#)

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PILOT LINK 2

Data Monitor

[NMEA Data Filter](#)

```
!AIVDO,2,2,4,A,1PG45<Oor>11APEC5888888888888888,2*4D
!AIVDO,1,1,,A,13OdpIQ03bo5s8opRo1jCQo1250I,0*5E
$GPGLL,5047.14440,N,00118.42890,W,124231.95,A,A*7C
$GPRMC,124231.95,A,5047.14440,N,00118.42890,W,0000.0,058.6,181022.0,0,W,A,S*7E
$GPVTG,058.6,T,058.6,M,0000.0,N,00000.0,K,A*13
$GPZDA,124231.95,18,10,2022,0,0*67
$GPGGA,124231.95,5047.14440,N,00118.42890,W,1,07,0,0,0,M,50.0,M,0,0,0*65
$GPGSA,A,3,03,08,14,19,23,26,27,,,,,0,0,0,0,0*34
$GPGSV,2,1,7,3,88,157,036,8,15,138,080,14,21,107,079,19,43,139,036*49
$GPGSV,2,2,7,23,4,279,045,26,60,039,068,27,29,175,057*7F
$GPDTM,W84,0,N,0,E,0,W84*71
!AIVDO,2,1,5,A,53OdpITMkKAD=<TLs78ADImT8t5B22222222205,0*72
!AIVDO,2,2,5,A,1PG45<Oor>11APEC5888888888888888,2*4C
TCP(192.168.1.149) $CDSE,1,1,A,3380400790,00,45894494*1B
!AIVDO,1,1,,A,13OdpIQ03bo5s:apRo:BCQo3250I,0*73
$GPGLL,5047.14440,N,00118.42890,W,124232.96,A,A*7C
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$GPGSA,A,3,03,08,14,19,23,26,27,,,,,0,0,0,0,0*34
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$GPGSV,2,2,7,23,78,213,014,26,37,049,053,27,34,149,099*40
$GPDTM,W84,0,N,0,E,0,W84*71
```

Pause Start Log [Save Log](#)

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The data monitor shows a list of raw NMEA data. You can also log this data for analysis if required

The AIS status page shows a snapshot of static, dynamic and voyage data from the connected Class A transponder



Ordering Information

PilotLINK 2	
Part Number	ZDIGPLINK2
Description	Class A Pilot Plug Wireless Interface
UPC	703791696406
Packaging weight & dimensions	18cm x 14.5cm x 4cm Weight 0.25kg
Price	SRP \$319.95
Availability	November 2022