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Made in Taiwan

🕂 Warning

This device has some optional user activated functionality which may not be permitted in some countries. If you are in any doubt, please check with your local authorities.

🕂 Notifications

- Do not input voltage over 40V.
- Stay away from fire.
- Do not crash by Human negligence.

■ What do I need?





Basic Setting --

- 1 Install our setting software "AIS700_Series_AP"
 - Application Files
 - AIS700_Series_AP
 - 🔬 autorun
 - 📚 setup
- **2** Open the software.



- 3 Plug in the power cable and provide 12~24V power input.
- 4 Turn on the AIS-700W.
- G Connect to your computer by USB cable.
- 6 Choose "Basic Setting".



Choose the correct COM Port and click "Connect".



8 Click "Query" to load default setting.



Enter the information of ship then click "SET". (Please enter the same encrypted code with your buoy. If you don't have our buoy, you don't have to do this.)



Olick "Query" to make sure the setting.



- Click Disconnect and EXIT.
- Power off the AIS-700W.

■ Network Setting

• Open the software.



- Plug in the power cable and provide 12~24V power input.
- 3 Turn on the AIS-700W.
- **4** Connect to your computer by USB cable.
- G Choose "Network Setting".

AIS-700 Series	- 🗆 ×
AIS-700 Product Setting	
Basic Setting	HELP
Network Setting	EXIT

6 Choose the correct COM Port and click "Connect".

ComPort Setting			Product Info	rmation
ComPort COM3 Function Selection	Conr	Disconnect	Model	Version:
Ethernet Mode	Mode Select:	TCP Client ~		
	Decive IP:	Port		Subnet:
	Remote IP :	Port		Gateway:
	WiFi Network Set	up		
WiFi Mode	SSID:			Channel
	Password:			None
	IP Address:	Port		Subnet:
	SET	Query	- 1	EXIT

Click "Query" to load default setting.

ComPort Setting			Product In	nformation	
ComPort COM3	~ Conr	Disconnect	Model:	AIS-700W	Version: V1.00
Function Selection	Ethernet Network	Setup			
Ethernet Mode	Mode Select:	TCP Client ~			
	Decive IP:	Port	AIS700_Serie	m_AP	×
	Remote IP :	Port	Read WiFi Pa	rameters Success	
	WiFi Network Set	tup			
ViFi Mode	SSID:	SKYNAV_AIS		報定	
	Password:	123456789		None	
	IP Address:	192.168.4.1 Port	9000	Subnet: 2	55.255.255.0
	PET	0.000	_	EVIT	_

8 Enter the information of Wi-Fi then click "SET"

ComPort Setting			Product I	nformation	
ComPort COM3	✓ Conr	Disconnect	Model	AIS-700W	Version: V1.00
Function Selection	Ethernet Network	Setup			
Ethernet Mode	Mode Select:	TCP Client ~			
	Decive IP:	Port		Subnet:	
	Remote IP :	Port		Gateway:	
	WiFi Network Set	up			
WiFi Mode	SSID:	SKYNAV_AIS		Channel	Auto
	Password:	123456789		None	
	IP Address:	192.168.4.1 Port	9000	Subnet:	255.255.255.0
			_		

- **9** Click "Query" to make sure the setting.
- Olick Disconnect and EXIT.
- Dower off the AIS-700W.

■ Wi-Fi Connection

- Power on the AIS-700W.
- Install the Wi-Fi antenna.
- 3 Open the Wi-Fi list on your smart phone.
- Ochoose the SSID you set for AIS-700W.

Settings Wi-Fi	
Wi-Fi	
✓ Skynav_2.4G	🕯 🗢 🚺
NETWORKS	
DIRECT-ZKRIC-PCmsRG	a 🕈 🚺
GMS	a 🕈 i
MR-100-19f910	a 🗟 🚺
SKYNAV_AIS	a 🕈 i
WBR105-7F	a 🕈 i
Other	

⑤ Enter the password and join.

Ente	r the password for "SKYNAV_A	IS"
Cancel	Enter Password	Join
Password		
You can also bringing you Mac which h you in their	o access this Wi-Fi network ir iPhone near any iPhone, iF nas connected to this netwo contacts.	by Pad, or rk and has
ra tha M	/: Fi in connecto	d

6 Make sure the Wi-Fi is connected.



Open the "AIS Radar"

(Please download from App store or Google play)



8 Enter the information of Wi-Fi then click "SET"

Settings		
Network	Manual	>
Display Mode	North Up	>
CPA Warning	Off	>
Hide Slow Targets	Off	>
Display Sleep Timer	\bigcirc	
Position	iPhone	>
About	Version 3.1	>
Radar Tarrata Ma		

(9) Enter the IP address and TCP port.

Network Protocol	TCP UDP
Transponder IP Address	TCP Port
192.168.4.1	9000 🕐
192.168.4.1 Automatic setup only works with Roving Networks modules.	9000 VI-Fi adapters based on
ease consult the manual of you	ork protocol (TCP or
flease consult the manual of you Vi-Fi adapter for the correct network JDP), IP address and port number	vork protocol (TCP or er.

■ LED Flash Code



$\mathsf{ON} \hspace{0.2cm} (\hspace{0.2cm} \operatorname{Green} \hspace{0.2cm} \mathsf{LED} \hspace{0.2cm})$



$\mathsf{Error} \ (\, \mathsf{Red} \, \mathsf{LED} \,)$



 Tx off (Blue LED)

 Steady Light

 While Silence button is pushed

RX (Green LED)



	\square	00
Radar		

DEnjoy it.



Connections Define





6	RS	232_Tx	
7	RS	232 Rx	
Cabl	е		
Black	<	GND	
Blue		Reserve	ed
Yello	W	Reserve	ed
Gree	n	T- RS4	22
White	е	T+ RS4	22
Gray		RS232	Tx
Brow	'n	RS232	Rx

$\mathsf{TX} \ (\, \mathsf{Red} \, \mathsf{LED} \,)$



Status (Green LED)



While transponder or Wi-Fi or Ethernet initialize finished	
Wi-Fi initialize failEthernet initialize fail	

Wi-Fi (Green LED)



🕂 Notifications

- If you need to continue to set another AIS-700W, you do not need to choose your COM Port.
 - Just click connect and repeat step 8 to 11.
- Please remember to restart the AIS-700W before test and use it.
 If you want to receive the signal of AT-106, please set the same encrypt code with each other.

Specification

- Frequency Range : 156.025 MHz ~ 162.025 MHz
- Data Rate: 9600 bps (GMSK / FM)
- Tx Output Power : 2 Watt
- Rx Sensitivity : < -107dBm @20% PER
- AIS Channel 1 : CH 87B (161.975 MHz)
- AIS Channel 2 : CH 88B (162.025 MHz)
- Supply Voltage : 9V ~ 40V DC
- Size : 140 mm x 131.4 mm x 46 mm
- Weight : 600g
- Operating Temperature : -15°C~60°C
- Storage Temperature : -20°C~70°C

■ Warranty

Remark:

- 1. One-year warranty effects from the purchase date.
- 2. The warranty covers any manufacturing technical defect excluding breakage.
- 3. The warranty does not cover faults resulting from operation careless handing or not the following instruction. Also, to electric shock cases.

Please keep this warranty card to retain buyer's legal rights. No replacement if lost.

Distri	butor			
	Sold Date: /	/	_ (dd/mm/yyyy)	