

How to download data from USV Technical FAQ



USV | Nov 2023

Make your work more efficient

Sometimes our equipment cannot get the data completely in remote place where lost connection between the boat and ground station, so in order to get missing data on ground station, we need to know how to download data from the boat. Let us see how to use this function.

Steps:

1. Power on the boat by switching the toggles on both side of the boat

2. Connect the WIFI

Find the WIFI corresponding to the Serial Number of the boat. Create a connection between the boat and your computer. To get a stronger signal of WIFI you should mount the 5G antenna on the boat.



Figure1

3. Download data

Open the folder	r and type <mark>ftp://192</mark>	.168.53.25 <mark>4</mark> in the	e illustrate	d positio	on.			
📕 🖸 📕 – trainning	r data					_		×
File Home Shar	e View							~ 🕐
← → ∽ ↑ 📜 FT	2:192.168.53.254				~	<i>→</i>	,∕⊃ Sea	irch tr
	Name	Date modified	Туре	Size				
A Quick access	A3 DATA	27/07/2020 09:11	File folder					
🧢 This PC	D230	31/07/2020 10:24	File folder					
3D Objects	D 390	31/07/2020 10:24	File folder					
Desktop	INTERNATIONAL	11/08/2020 11:11	File folder					
Documents	PERSONAL	08/08/2020 11:03	File folder					

Figure3-1

Enter the account as shown below When it pops up the login interface.



Figure2

Open record_2 folder, select the dep file and the sd file corresponding to the date. (The data recorded in record_1 folder is according to the default parameters, but according to the parameters you set in record_2 folder.)



→ ~ ↑ 😍 > The	e Internet > 192.168.53.254		✓ ひ
Quick access	push_log	record_1	record_2
This PC 3D Objects	record_3	record_4	recor_5
Desktop Documents	record_6	record_7	rycord_8
Downloads	-	Figure 2-3	-
Downloads		Figure2-3	×
 Downloads record_2 Home Share 	View	Figure2-3	×
➡ Downloads Image: The state Image: The state	View 2 Internet > 192.168.53.254 > record_2	Figure2-3	× ~ (2) - × ~ (2)
Downloads → cord_2 Home Share → v ↑ > The Quick access Dis PC	View 2 Internet > 192.168.53.254 > record_2 Web2_2020-08-13-13-38-09.sd	Figure2-3	× ~ 0
Downloads Downloads The cord_2 Home Share →	View 2 Internet > 192.168.53.254 > record_2 Web2_2020-08-13-13-38-09.sd Web2_2020-08-12-15-51-01.sd	Figure2-3 Web2_2020-08-13-13-38-09.dep Web2_2020-08-12-15-51-01.dep	- C × v 0 Search re

4. Post-processing the data

Copy the file to the corresponding project. The dep file should be placed in Depths folder and the sd file should be placed in RawData folder.



(the waveform data is recorded in dep file and the original data is recorded in sd file.)



Figure5

CHC Navigation

Shanghai Huace Navigation Technology Ltd.

CHCNAV | Smart Navigation & Geo-Spatial Technology

Park,

577 Songying Road, 201703, Shanghai, China

Tel: +86 21 542 60 273 | Fax: +86 21 649 50 963

Email: sales@chcnav.com | support@chcnav.com

Skype: chcnav_support

Website: www.chcnav.com CHCNAV TECHNICAL FAQ | 2023-11