

AI Link set-up guide for H3 Pro

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This guide provides a quick-reference, summarised overview of the installation, commissioning and set-up of the AI Link for H3 Pro. It should only be used alongside the full installation manual(s) for the product(s). Please refer to the relevant product manual(s) for full guidance.

1. H3-Pro.



1.1 Wiring from the Chint meter to the AI Link – ports 24/25 on Chint meter DTSU-666 to pins 1 and 2 of the AI link RJ45 – plugged in the meter port on the AI Link.

	AI Link	Meter (CHINT DTSU666)
RS485 A	Pin 2 (Meter/485, RS485-A1)	Pin 24
RS485 B	Pin 1 (Meter/485, RS485-B1)	Pin 25



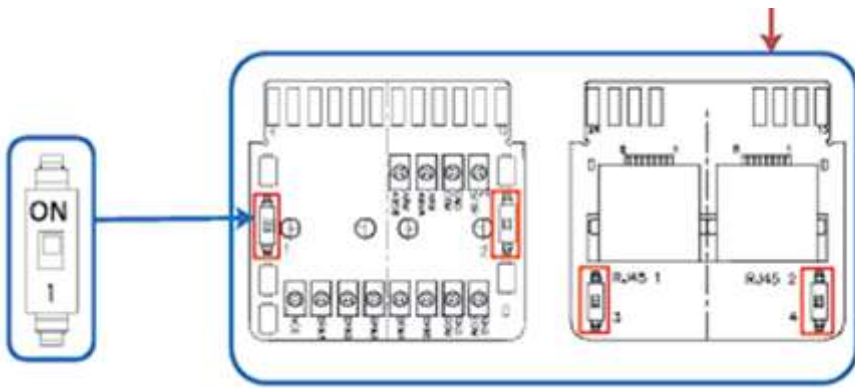
1.2 Wiring from AI link to the inverter RJ45 plug (pins 1-8) from the inverter port of the AI Link to the comms plug of the master H3-PRO Port 1.

1.3 Port 2 of the H3-Pro comms plug to the slave inverter.

1.4 Dip switches on the comms plug MUST be switched to on, on the last slave inverter.



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FoxGPT MUST make sure that ALL inverters are upgraded to (as of 3/7/2025)



UPCOMING EVENTS If you are not connected to the internet, you will need to press the start button on the AI Link,

MARCH

The green light will start flashing.

10
MAR

NO MORE SPACES LEFT

REGISTERED INSTALLER TRAINING

FoxESS Service Centre

10:00 - 13:00

Event Organized By Craig Woollaston

- Click next.

19
MAR

NO MORE SPACES LEFT

REGISTERED INSTALLER TRAINING

FoxESS Service Centre

10:00 - 13:00

Event Organized By Craig Woollaston

1

inverters wired to the ALINK. For example 1 meter and 2 inverters.

APRIL

will be prompted to select the AC wiring setup, No EPS, Parallel with EPS. Select the relevant setup

02
APR

NO MORE SPACES LEFT

REGISTERED INSTALLER TRAINING

FoxESS Service Centre

10:00 - 13:00

Event Organized By Craig Woollaston

09
APR

VIRTUAL EVENT

REMOTE TECHNICAL TRAINING

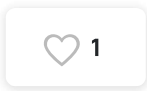
10:00 - 12:00

Event Organized By Craig Woollaston

ii

The screenshot displays an EMS Configuration interface. At the top, a tree structure shows a main device with SN: 609K4FB4BQ5147 and Power: 11.16 kW. Below it are two sub-devices: RS485-1 (SN: MT9K4FB4BQ8147, Power: -2.43 kW) and RS485-2 (SN: 603J153044BP021, Power: 0.00 kW). To the right, a details panel for RS485-1 shows ID: 32, SN: MT9K4FB4BQ8147, Series: Chint meter, Address: 000000000001, and Search: Automation. Below this, another panel shows details for RS485-1 (ID: 1, SN: 603J153044BP021, Series: H3-pro series, Address: 000000000002) and RS485-2 (ID: 5, SN: 603J153044BP023, Series: H3-pro series, Address: 000000000003).

The AI Link should display the following lights:



Power – Solid green

Comm – Solid green

Cloud – Solid green



Important information

- There is no need to manually input the inverter serial numbers on the cloud. This will be auto populated once the above steps are

completed.

- The RS485 Communication on the inverter will also auto populate ID 1 and ID 2 do not need to be touched.

Master inverter ID1 & ID2 are auto set to 3



Slave inverter ID1 & ID2 are auto set to 2



- Meter 1 on both inverters MUST be disabled.
- If the comms light does not flash on the AI link when you are trying to pair, check the comms cable between the AI Link and the inverters.

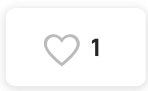
- If you cannot find the inverters after repairing via the app check comms cables and dip switches on the inverters.

Connecting a 3rd party inverter

compatible Fox inverters for 3rd party monitoring:

- R Series
- V Series

You will require another chint DTSU-666 CT meter to read the 3rd party meter.

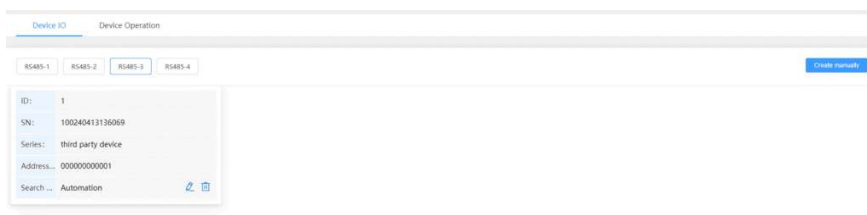


	AI Link	Meter (CHINT DTSU666) PV
RS485 A	Pin 6 (Meter/485, RS485-A3)	Pin 24
RS485 B	Pin 3 (Meter/485, RS485-B3)	Pin 25

if you need to configure the 3rd party PV generation on the EMS cloud, you will need to define the meter serial number, this cannot be the same serial number as the grid meter.

this is set on the config page under RS485-3, set the inverter model to 3rd party generation.

set the address to 1



the address on the chint meter stays the same ADD 1