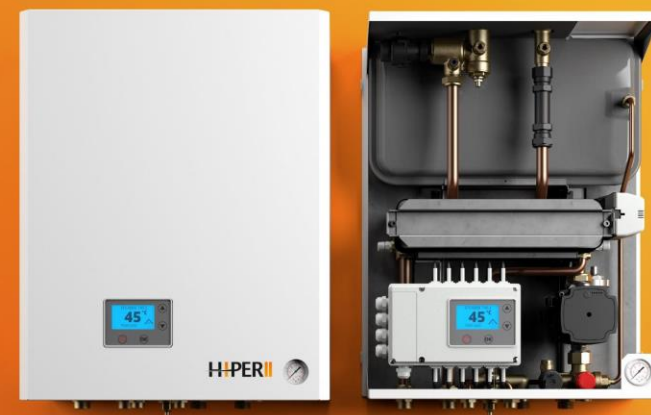


MODULE 8 TRAINING

H-IPER II



inta



HIU Monitor application

For test purposes through the Modbus connection on the controller.



Connection cable and wiring connection.

You will need;

- USB to RS485 adaptor cable*
- Laptop PC
- The Selco HIU Monitor application file uploaded onto your Laptop

FTDI Chip Converter

RS Stock No.: 687-7834 | Mfr. Part No.: USB-RS485-WE-1800-BT | Brand: FTDI Chip



✓ 4623 In stock - FREE next working day delivery available

Price Each
£24.88
(exc. VAT)

£29.86
(inc. VAT)

Units	Per unit
1 - 9	£24.88
10 - 19	£23.96
20 - 49	£23.33
50 - 99	£22.72
100 +	£22.16

1 Units

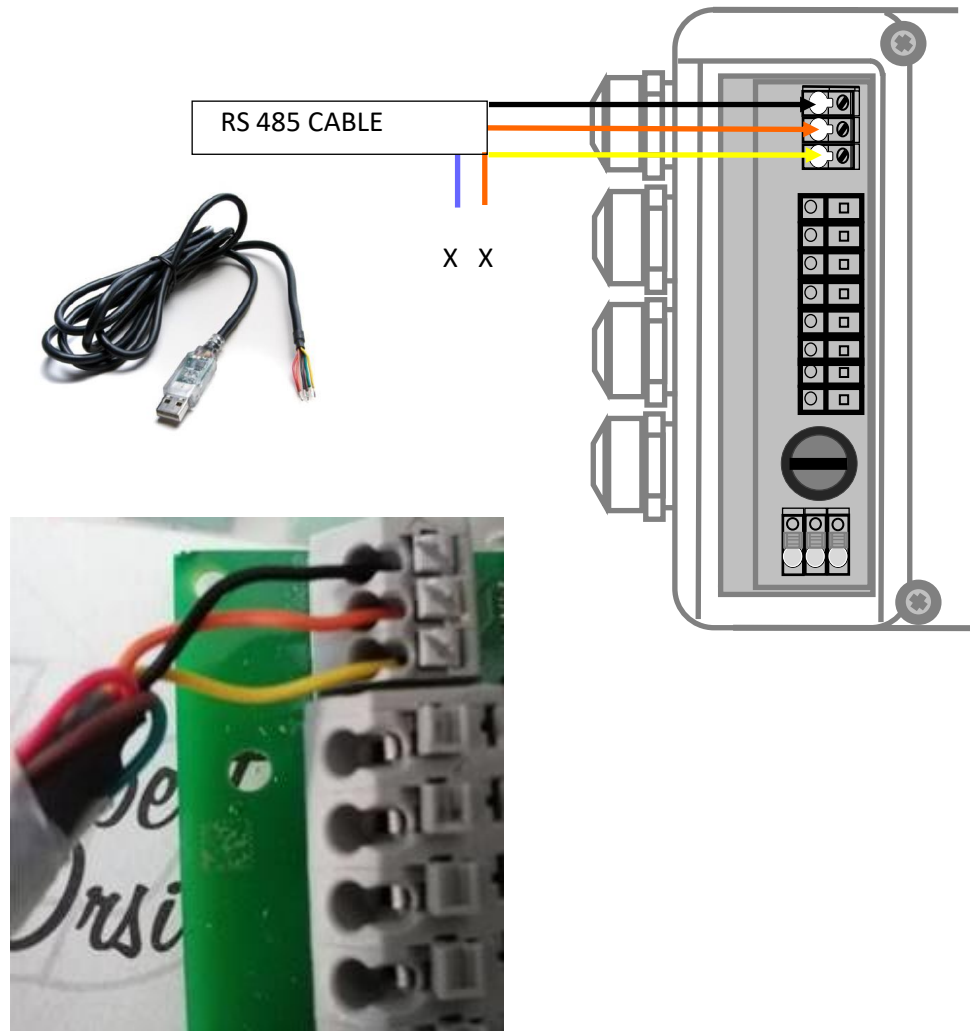
[Check stock levels](#)

Frequently bought together

* Available from RS Components

HIPER

Connection cable and wiring connection.



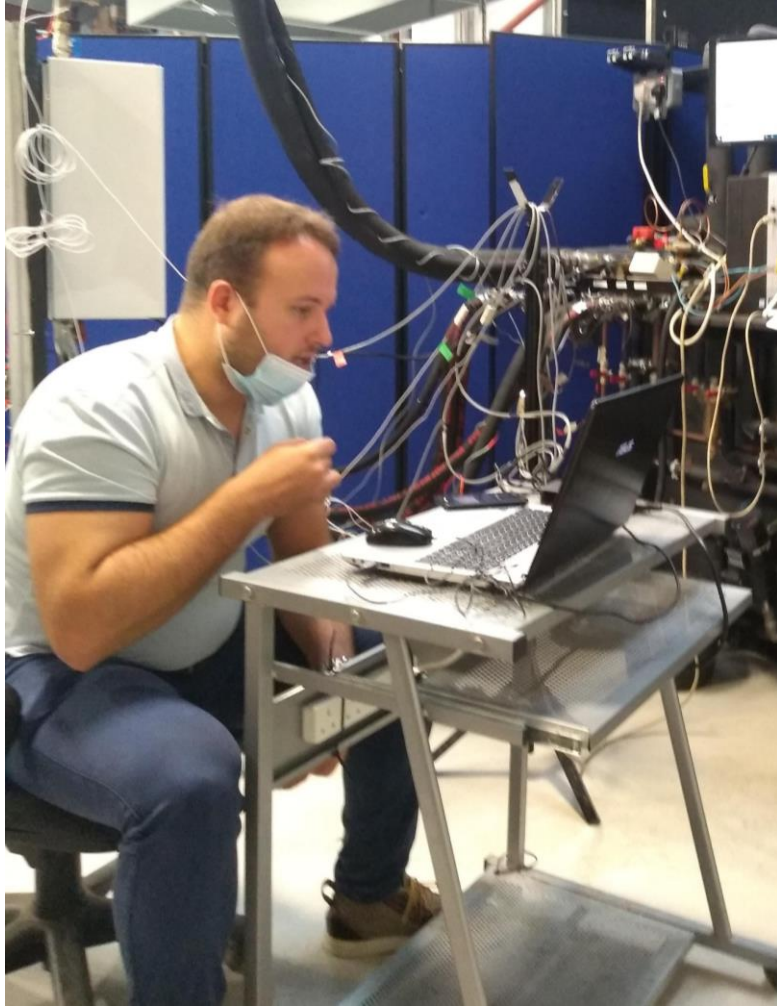
Connect the cable wires into the controller ;

- Black
- Orange
- Yellow

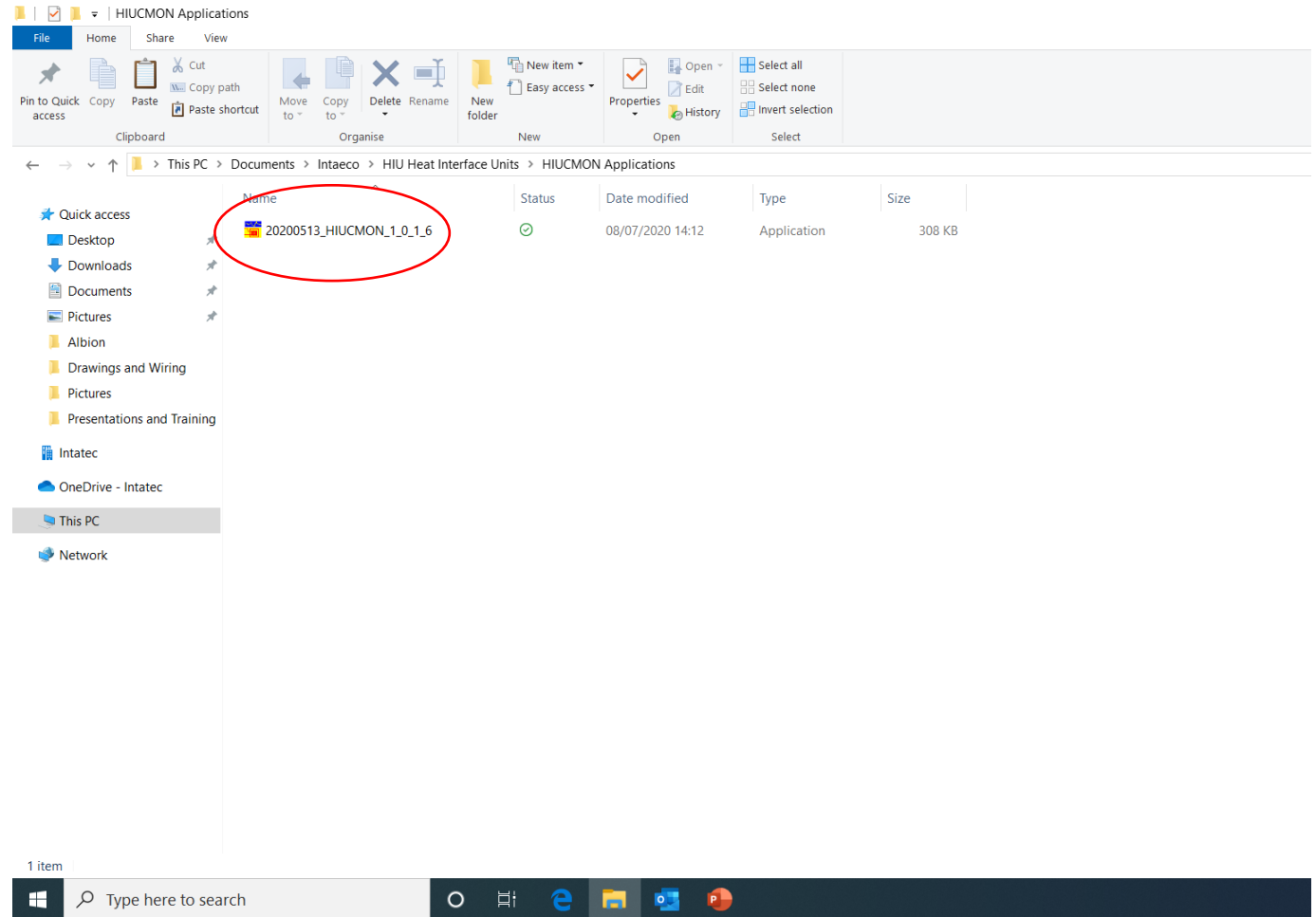
IGNORE the red and blue wires.

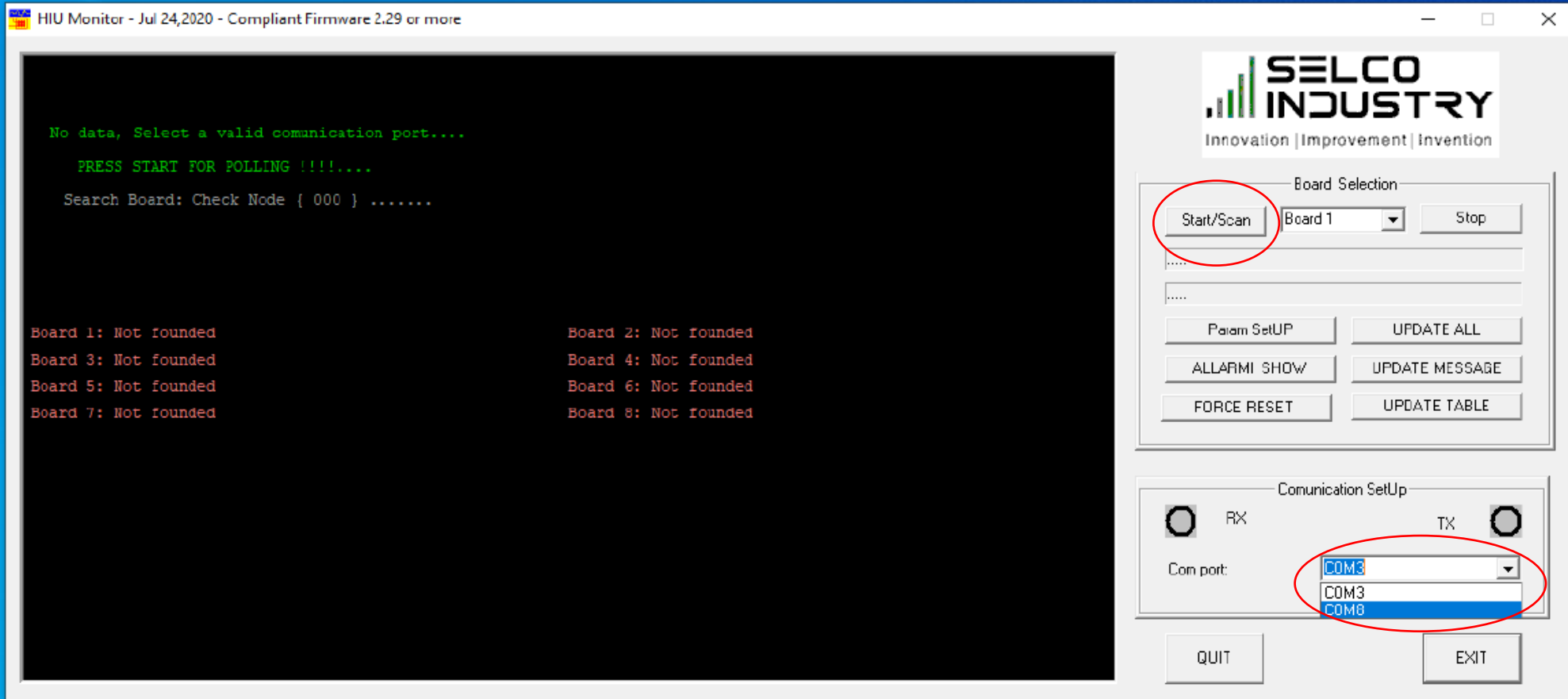
Then plug the USB plug into the laptop

Connect to your laptop



- Now open the HIUCMON file.....





On the laptop, now open the HIUCMON application, and this screen can be seen. Check the COM port is as shown, select BOARD 1 (each BOARD is a HIU, up to 8 at one time can be accommodated)
PRESS – Start / Scan

The monitor links to the HIU Controller



DHWS : 0209 (DHW supply sensor and 0229 is 22.9C)

FLW1 : 0435 (Primary Flow 43.5)

RET1 : 0294 (Primary Return 29.4)

TANK : 000 tank sensor, not connected.

FLW2 : 0355 (Secondary Flow 35.5)

RET2 : 0226 (Secondary Return 22.6)

FLOW : 0000 (ignore)

STEP : 0032 (number of step, 0032 is closed)

FLOW : 0000 (Not used)

Select any parameter if it needs changing.

The screenshot shows a software window titled "Parameter update dialog" for an HIU (Heating Interface Unit). The window is organized into several sections with various parameters that can be configured using dropdown menus, checkboxes, and text boxes.

HEAT control

- P010 Select heating: Underfloor
- P096 Exchanger: Exch-2
- Under floor Heating**
 - P008 Temp. Heating: 30 °C
 - P011 Min Temp. UFH: 20 °C
 - P012 Max Temp. UFH: 40 °C
 - P016 dT-OPT: 10 °C
- Radiators Heating**
 - P009 Temp. Heating: 60 °C
 - P013 Min Temp. RAD: 40 °C
 - P014 Max Temp. RAD: 85 °C
 - P017 dT-OPT: 20 °C
- ☒ P015 Optimization Heating
 - P018 Optim Time CHS: 5 min
 - P019 Heat flow Limit: 70 %
 - P023 Frost Protect: 3 °C
 - ☐ P025 Manual CHS
- ☐ P021 Pump Protect
 - P020 Max Prim. Ret: 60 °C
 - P022 Run time pump: 2 min
 - P026 Rooms: Norm. Open
 - ☐ P024 Pump PWM

DHW control

- P050 Temp. DHW: 55 °C
- P051 Temp. cyl. DHW: 60 °C
- P052 dT cylinder: 5 °C
- ☐ P053 Presence of Cylinder
- P054 Contact N°11: Cylinder Pump
- P055 Temp. HEX cylinder: 5 °C

PAY and KEEP WARM control

- ☒ P056 Keep warm function Enable
 - P057 Keep Warm Time: 10 min
 - P058 Max Temp. K.W.: 42 °C
 - P059 Min Temp. K.W.: 39 °C
 - ☐ Prepayment Enable
 - P091 Pay Limit Power: 100 %

Legionella control

- ☐ P061 Enable Legionella cycle
 - P062 Legionella Time cycle: 5 min
 - P063 Legionella Trickle: 24 hour
 - P063 Legionella ret. temp: 60 °C
 - ☐ Slab drying perform ==> 25 °C

OTHER

- P060 select switch: HEX for DHW
- P092 diverting valve: Automatic
- P091 Stepper Motor: Automatic
- P093 Language: ITALIANO

Communication

- P002 NODE: 5
- P003 Parity: 1
- P004 Baudrate: [dropdown]

Buttons at the bottom: Save Param into file, Load Param from file, UPDATE the board, EXIT without update.

Programming the HIU remotely.



MODULE 4 TRAINING

Select EXIT to close and close down the monitor.

Remove the usb cable

