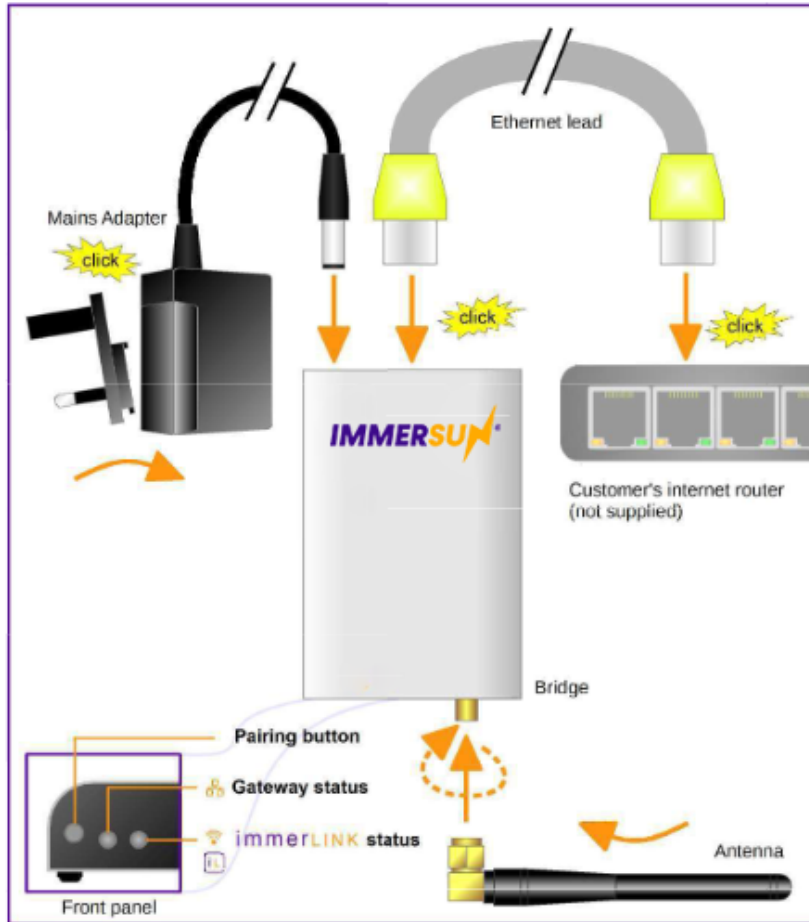


This is a guide to the installation and setup of the **iLINK** to enable remote data monitoring and control of **IMMERSUN** via the **MYIMMERSUN** app and website.

Connecting the iLINK

1. Screw the supplied antenna to the antenna connector on the **iLINK**
2. Fit the correct plug type to the mains adapter for your country
3. Plug the mains adapter cable into the bridge and into the socket nearby your router
4. Connect the bridge to a spare LAN port on your internet router using the supplied Ethernet lead



Pairing the iLINK

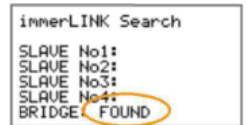


Pairing mode

The **iLINK** LED will flash red when the Bridge is in pairing mode. The Bridge should automatically enter pairing mode when first plugged in. Press and hold the pairing button for about 5 seconds to put the bridge in pairing mode, if required.

Pairing with your IMMERSUN

Make sure the Bridge is in pairing mode (the **iLINK** status LED should be flashing RED). On the **IMMERSUN** unit bring up the menu with the ✓ button and scroll down the **Advanced Settings**, press ✓ again to enter the Advanced Settings.



You will be asked for a passcode, the default passcode is 0000.

Once in the advanced settings menu, scroll down to the **iLINK** as and press the ✓. Now scroll down to Cloud IP and press the ✓. Set this 51.52.112.77 if not already. Press X and then scroll down to **iLINK Search**, highlight this option and press the tick button. After a few minutes the **IMMERSUN** should find the **iLINK**.



Paired and linked to Gateway

When both LEDs are green the bridge is working as it should. It is normal to see the **iLINK** LED occasionally light-up orange, this signifies that data was missed for that instant. Note: The range of the wireless communication is usually around 30m indoors and 200m outdoors.



Paired the IMMERSUN but not linked to Gateway

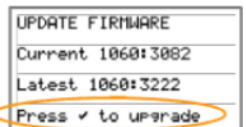
If you see the LEDs lit-up like this, the **iLINK** is not connected to the Gateway. If you are sure everything is connected and your internet is working, try updating the **IMMERSUN** firmware as detailed below.

Updating the IMMERSUN firmware

To support all functions of the **MYIMMERSUN** app, it is likely that you will need to update the firmware in the **IMMERSUN**.

On the **IMMERSUN** unit bring the menu with the ✓ button again and enter Advanced Settings.

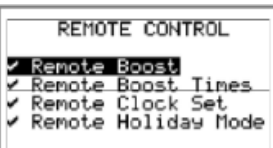
You will be asked for your **Passcode**, the default passcode is 0000. Once here scroll down to **immerLINK** and press ✓.



In this menu, you will see **Update Firmware**, highlight and press this option with ✓. The current firmware and latest versions will be shown. Wait a few seconds for this to update. Pick the latest up to date firmware and and press ✓ to update your firmware. **NOTE: This can take a long time (about an hour)**

Remote control options

The remote control options of the **MYIMMERSUN** app can be enabled or disabled via the **IMMERSUN** menu within Advanced Settings under **Remote Control**, press ✓ to activate.



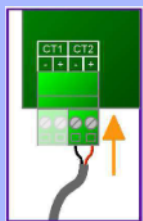
Updating iLINK firmware

If there is a problem with the **iLINK** or new features added, the firmware in the **iLINK** may need to be updated. If required the process is as follows:

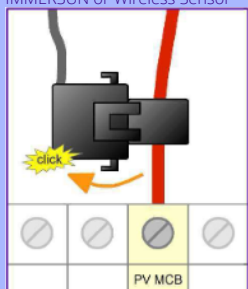
1. Unplug the mains adapter lead from the back of the **iLINK**
2. Press and hold the Pair button, with the button still held, plug the mains adapter back in.
3. Keep the Pair button held for 10 seconds, then release the button. the immerLINK LED should flash RED and GREEN very rapidly
4. When the LED has stopped flashing the update is completed

Installing the CT clamp

This part of the installation concerns the **IMMERSUN** unit only



CT clamp wired to CT2 in IMMERSUN or Wireless Sensor



CT Clamp around the PV LIVE cable in consumer unit

To get the full functionality of the **MYIMMERSUN** app, it is necessary for the **IMMERSUN** to measure the power from the inverter. This is done by installing an additional CT clamp around the inverted AC Live cable.

WARNING LIVE CABLES!

Often the easiest place to install the additional CT is in the consumer unit that houses the MCB for the inverter. Alternative the CT can be installed inside the AC isolator or the inverter. Isolate the MAIN SWITCH in the consumer unit and clip the CT clamp around the LIVE cable to the microgeneration inverter.

Wireless Sensor

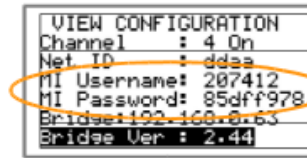
If your **IMMERSUN** is using a Wireless Sensor, you **MUST** connect the additional CT clamp to the CT plug in the Wireless Sensor unit.

Registering with MYIMMERSUN

Obtaining first-time login details

To register your IMMERSUN for the first time, on the MYIMMERSUN monitoring website, you will need some details which are stored in the IMMERSUN.

On the IMMERSUN unit, bring up the menu with the ✓ button, scroll down to the View Configuration and press ✓.



First-time login to create account

1. Go to the myimmersun website: www.myimmersun.com
2. Click **Login/Register**
3. You will be prompted for a username and password, enter the **MI Username** and **MI Password** from your IMMERSUN unit. Multiple units can be added later. **DO NOT SAVE** your login details if asked by the browser.
4. Fill in your details to complete the registration
5. Login with the email address and password you provided during registration

Adding additional IMMERSUN units

If you have more than one IMMERSUN unit, you can add additional units to your MYIMMERSUN account. This will enable you to switch between units to view data from different sites or units. To do this click on the MYIMMERSUNS button on the menu of the MYIMMERSUN app

Live power readings

- Refresh Button**: Click this force the page to refresh.
- Grid Power**: This is the power currently being exported or imported, to or from the Grid.
- Household Power Usage**: This is the power currently being used in property, this excludes any power being diverted by the immersun.
- Icon Short-cuts**: The icons are click-able and will take you to the energy bar charts. The chart shown will be for the energy data relevant to the icon.
- Last Event Logged**: This is the last event logged, clicking this button will take you to the event log page.
- Menu Button**: Click this to bring up the menu.
- Generation Power**: This is the power currently being generated by the PV or Wind system.
- Proportional Arrows**: The width of the arrows represent the proportion of power, the bigger the arrow the higher the power.
- Diverted Power**: This is the power currently being diverted by the immersun. The arrow is usually blue, but will be orange during a boost. The icon shown indicates the active heater.
- Current Unit or Property**: This is the nick-name of the current immersun whose data is being displayed. Clicking on this button brings up the immersun select page.

Remote boost control

The manual boost function of the IMMERSUN can be controlled remotely via the **Remote Boost** function in the menu of the MYIMMERSUN website.

The heater and duration are selected before clicking the start boost function. Once started, the boost can also be canceled remotely.

- Heater Select**: Select which heater you wish to boost.
- Boost Duration**: Select the duration of the boost using these buttons.
- Start Boost**: Click this button to start the remote boost.

Energy bar charts

- Back Button**: Click this to return to the live power readings.
- Key**: This is the key to the bar chart. Click on the words to switch on/off the data for that category.
- Range Buttons**: These buttons are used to select the date range of the chart.
- Energy Chart**: This is the energy chart for the day, Week, Month or Year as selected. The bars overlap and the smallest is brought to the front.
- Date Navigation**: These buttons change the date of the first bar of the chart.
- Totals**: These are the total kWhs for the current chart.
- Download Button**: You can download a CSV file of the current chart by clicking this button.

Setting boost times remotely

The boost times programmed in the IMMERSUN can be altered remotely via the **Boost Times** function in the menu of the MYIMMERSUN website.

Start by clicking the **Get boost times from IMMERSUN** button, this will update the table of boost times.

Edit the boost times as you wish by clicking the **Edit** button in the appropriate row.

When you have finished editing the boost times, click **Send boost times to IMMERSUN**.

Menu

- Remote Control**: These buttons take you to the remote control options. These can be enabled or disabled on the immersun unit.
- Registration Details**: Here you can edit your personal information and change your login details.
- View Select**: Different size views are available Choose the view that best matches your device.
- Registered Units**: This is where additional immersun units can be added so that you can easily switch between units or properties.

Event logs

The event logs are accessible from the MYIMMERSUN menu. Events logged include things like Started/Stopped Generation, Started/Stopped Heating, Started/Stopped Boosting etc.

Important events are marked with *

The log for any particular day can be viewed by using the day navigation buttons at the top of the event log page.