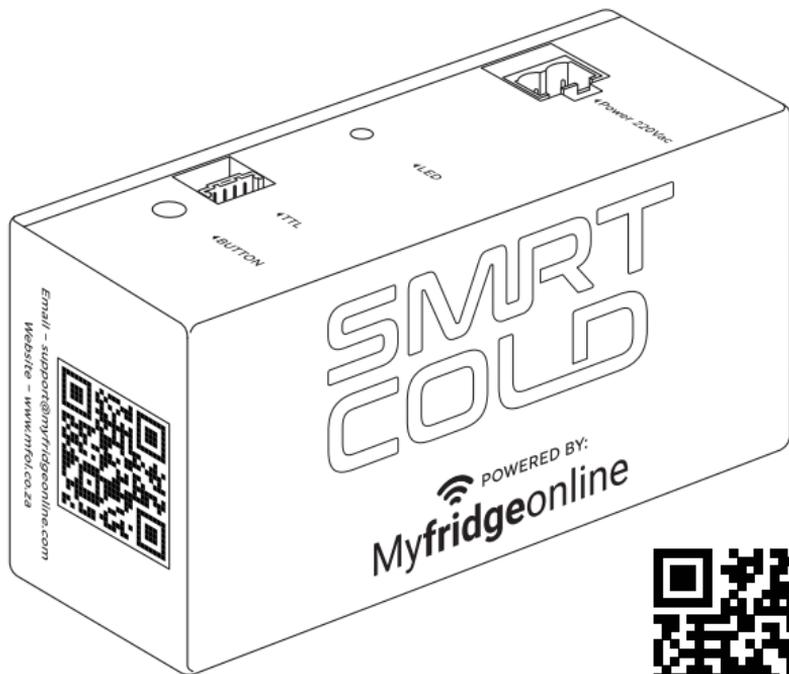


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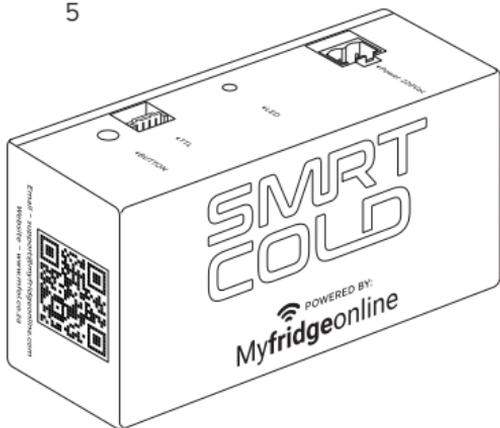


SMRT Cold MK1 Manual

Scan for support

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Overview

Controller Setup

Controllers need to be **configured** with the following settings, otherwise they will not be detected by the SMRT Cold

- Baud: 19200
- Parity: None
- Stopbit: 1
- Address: 1

In order to achieve the above, please proceed as indicated below:

1. Unlock the controller
2. Modify the associated TTL parameters

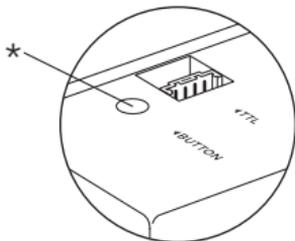
Button

Start Up

1. Pressing the *button **once** will start **AP-mode**
2. Pressing the *button **twice** will start **WPS-mode**

Normal Operation

1. Pressing the *button **once** will force an **uplink**
2. Pressing the *button **five-times** will force the unit to **reboot**



LED

1. **Flashing RED:** Unit is in **AP-mode**
2. **Flashing ORANGE:** Unit is in **WPS-mode**
3. **Solid RED:** Unit does not have an internet connection
4. **Solid ORANGE:** Unit has internet but has failed to communicate with the controller
5. **Solid GREEN:** Unit has an internet connection

Features

1. 10-minute uplink configurable via the portal
2. Force uplink can be initiated by clicking the button
3. Up to 24 hours of log retention on critical metrics
4. Automatic controller detection
5. Wi-Fi 2.4 GHz supported
 - a) OPEN, WEP, WPA, WPA2, ENTERPRISE, WPA3
6. Over-The-Air updates
7. 110/220VAC
8. The unit works on a controller first approach, upon powering up the unit, it will synchronize its settings with the controller and the server. After which, updates on the server will be applied to the unit. This is done to safeguard the controller's integrity.
9. Controller Compatibility

Controller	Code
• PJ	1
• Eco Box	2

Portal Configuration

1. Register the unit on Myfridgeonline 
 - a) Login into your **Account** via  www.myfridgeonline.com
 - b) Redeem your **Subscription**
 - Accounts - Redeem
 - c) Add your **Device** to the system
 - Device – Register Device (+)
 - d) Select the **Type** of controller you will be **connecting** to your **SMRT Cold**
 - e) Click **Submit**
2. Follow the **Wi-Fi** setup, **AP-mode** or **WPS-mode**
3. Confirm that the **dashboard** reflects the controller

Wi-Fi AP Configuration

1. Connect to Access Point
 - a) **Power On** the unit (Power-cycle the unit if it is already on)
 - b) When the **LED** is **RED** press the **button once**
 - c) The **LED** will start flashing **RED**
 - d) A Wi-Fi access point should be visible **SMRT Cold_xxxxxxx** in your list of devices in your Wi-Fi menu
 - If possible, disconnect from your current network and connect to the above
 - **The unit only communicates over a 2.4Ghz Wi-Fi access point**

- e) Connect to the **access point** with your mobile or PC
- f) Navigate to  **192.168.4.1** in your browser or scan the **QR Code**



- g) The unit will stay in **AP-mode** for up to 30 minutes, thereafter it will restart
2. Fill in your Wi-Fi details and select **Finish**
 3. Once complete after 30 seconds the **LED** on the unit should turn **GREEN** once **successfully** connected to your Wi-Fi

Wi-Fi WPS Configuration

1. Enable **WPS-mode**
 - a) **Power On** the unit (Power-cycle the unit if it is already on)
 - b) When the **LED** is **RED** press the **button twice**
 - c) Wait for the **LED** to start flashing **ORANGE**
 - d) Press the **WPS** button on your router/gateway
 - e) If connection is successful, the unit will reboot
 - f) The unit will stay in **WPS-mode** for up to **2 minutes**
2. The **LED** should turn **GREEN** once **successfully** connected to the gateway

Troubleshooting

- The SMRT Cold's **LED** is **solid RED**
 - Check your network connection
 - Run through AP/WPS setup
 - Add the SMRT Cold to your firewall
- The SMRT Cold's **LED** is **solid ORANGE**
 - Ensure that the Carel controller has the correct TTL settings
 - Power cycle the SMRT Cold
 - Run through setup and ensure the SMRT Cold is configured for the correct controller
 - Double check your cabling
- The SMRT Cold's **LED** is **flashing RED**
 - The unit is in AP-mode, power cycle or wait 30 minutes for automatic restart
- The SMRT Cold's **LED** is **flashing ORANGE**
 - The unit is in WPS-mode, power cycle or wait 2 minutes for automatic restart
- I have connected to the AP but 192.168.4.1 is not loading
 - Confirm that your device (mobile/laptop) is still connected to the SMRT Cold
 - Disconnect and reconnect to the access point
 - Power cycle the unit, put the unit back into AP-mode & reconnect
 - If the issue persists, reset the device's DNS setting to their defaults. (Default Primary DNS Server IP – 8.8.8.8 & Default Secondary DNS Server IP – 8.8.4.4)



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