Quick Start Guide

tenacious connectivity
magnetic personality

Welcome to mylo2

The OptConnect mylo2 is an LTE Category M1 cellular router perfectly suited to ATMs, point of sales systems, smart safes, and sensor applications.

The mylo2 features a magnetic base that can attach to any metal surface. No brackets or tape needed.

Every mylo2 comes with OptConnect managed wireless services and a lifetime license to Summit – the management system designed for your phone, tablet, or computer.

Your mylo2 also includes Glimpse™, on board API that responds to requests from your equipment with information on the cellular performance of mylo2. Only OptConnect has Glimpse.

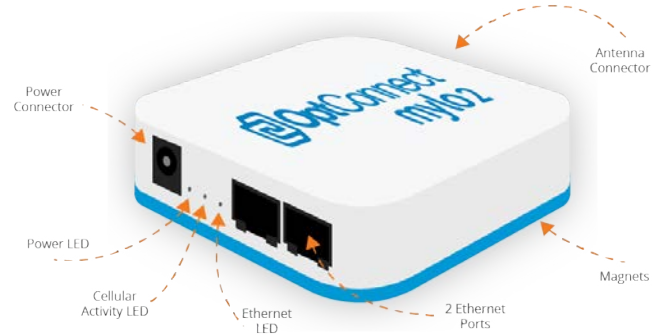
Follow steps 1 through 9 for a successful installation.

Simple steps to place, plug and play

1. Identify mylo2 and its included accessories.
2. Position the antenna.
3. Place mylo2 and connect antenna & power.
4. Maximize signal strength and quality.
5. Configure your equipment for DHCP.
6. Configure your equipment for Static IP.
7. Connect Ethernet cable and test.
8. Identify remote access IP address.
9. Identify remote access ports for non-ATM equipment.
10. Use the OptConnect private network for remote access.
11. Manage your OptConnect device.

1. Identify mylo2 and its accessories

- The mylo2 cellular router
- Antenna
- Ethernet cable
- Power adapter



IMPORTANT

Use only the included power adapter to maintain warranty coverage.

Keep the magnets away from exposed electronics.

Your equipment's IP settings are critical. See the steps on the next pages.

2. Position the antenna

- Avoid placing the antenna inside equipment constructed entirely or mostly of metal.
- Position the antenna's magnetic base on a metal surface 3-5 inches from any edge; location on a metal surface can improve signal strength.
- Orient the antenna.
    1. Point vertically upward (best)
    2. Point vertically downward, routing antenna cable away from antenna shaft (next best)
    3. Point horizontally (least preferred)
- The position and orientation of the antenna can be optimized in **Step 4.**

3. Place mylo2, connect antenna & power

- Place mylo2 in your equipment by attaching its magnetic base to a metal surface.
- Route antenna leads to mylo2.
- Connect both antenna leads to mylo2 and fully tighten.
- Route power adapter's cord from power source to mylo2.
- Connect power cord to mylo2; ensure the green LED next to the power port glows.
- After 10-60 seconds, ensure the middle green LED glows or flashes.

IMPORTANT – when mylo2 powers up the first time it may download a software update. This is indicated by a rapidly flashing middle green LED light for 1-2 minutes followed by the LED going dark while mylo2 reboots. **You must allow this process to complete.**

4. Maximize signal strength and quality

Your mylo2 may work well at this point. However, this step is **strongly recommended** to avoid potential future issues.

- Log in to the OptConnect Summit portal at
- https://summit3.optconnect.com/login
- Click Total Devices link.
- Locate serial number on mylo2 and scroll to find it or type it in Search/Filter box and press Enter.
- In the On-Demand Info section, click the mylo2 link to view signal strength
- Adjust antenna position by an inch or two.
- Click Refresh on Demand Info button. Important: mylo2 can take 15 seconds to update.
- Repeat steps 5-6 until signal strength and quality are maximized.
- If it is not possible to maximize both signal strength and quality, maximize quality.
- **Recommended:** enter your device identification and description.

5. Configure your equipment for DHCP

If you wish to initiate a remote connection to your equipment from your host, *do not* use DHCP. Got to Step 6 to set up a Static IP.

- Set your equipment to obtain an IP address through DHCP.
- Special case for ATMs.
    - Configure your ATM according to your processor's setup guide as if you were connecting it to a LAN, DSL modem, or other landline Internet connection. Use the host addresses, host ports, protocols, and TLS encryption settings **exactly as your processor instructs**. (Note: this may be different from other OptConnect products.)
    - **IMPORTANT –** OptConnect strongly recommends that you enable TLS encryption and SSL Certificate Verification on your ATM to prevent attacks such as "man in the middle." Enabling SSL Certificate Verification may require later ATM software versions from your equipment's manufacture.

6. Configure your equipment for Static IP

Skip this step if you do not need to initiate a connection from your host to your equipment through mylo2

- Set your equipment as follows:

IP address	**192.168.1.11**
Subnet mask	**255.255.255.0**
Gateway	**192.168.1.90**
DNS server 1	**192.168.1.90**
DNS server 2	**8.8.8.8**

- Special case for ATMs
  - Follow the instructions immediately above, but set your ATM's IP Address to **192.168.1.91**
  - If you require outbound RMS, enter your RMS server's protocols, and TLS encryption settings **exactly as your processor instructs.** For proper security, enable SSL Certificate Verification.

7. Connect Ethernet cable and test

- Connect the ethernet cable to your equipment and to mylo2. Ensure the green LED next to the ethernet port glows.
- Restart your equipment or cause it to refresh its network environment.
- Perform a test with your equipment.
- If the test fails

    1. Restart your equipment
    2. Confirm your equipment's IP configuration (see Step 5 or Step 6)
    3. If your equipment is using a DHCP IP address, confirm it has been issued one by mylo2, ex. 192.168.1.__
    4. Repeat test
    5. Contact our OptConnect Customer Care Center at 877.678.3343

8. Identify remote access IP address

Skip to step 11 if you do not need to initiate a connection from your host to your equipment through mylo2.

- Look up the IP address of your mylo2 in Summit or contact our Customer Care Center at 877.678.3343.
- Ensure your equipment is configured for a static IP address (see Step 6).
- For equipment other than ATMs:
  - If you have more than one piece of equipment, configure the second piece of equipment as directed in Step 6 with an address of **192.168.1.12**
  - Continue to Step 9
- For ATMs:
  - Configure your ATM to communicate to your RMS server's hostname/IP address and port number. (Note: this may be different from other OptConnect Products.)
  - Configure your RMS host system to contact your ATM using mylo2's IP address and the standard OptConnect RMS ports.

9. Identify remote access ports for non-ATM equipment

- mylo2 is configured for common remote access protocols such as https, RDP, vnc, ssh, GoToMyPC, for two clients.
- Learn your preferred protocol's TCP/IP port number from a manual or published resources, ex. https is port 443.
- Prepend a digit to the protocol's port number to reach your equipment according to the table below where xxx is the port number on which your equipment will respond:

To reach your equip on port xxx	Contact port
192.168.1.11.....	xxx
192.168.1.12.....	2xxx

- Ex: directing your browser to <mylo2 IP address> : **2443** establishes an https session on port **443** with your equipment at IP address **192.168.1.12,** the 2nd device in the table above.
- mylo2 is pre-configured for remote access to two static IP clients as per the table above. Contact our Customer Care Center at 877.678.3343 for custom port configurations or to support remote access for more than two clients.

10. Use the OptConnect private network for remote access

Skip to Step 11 if you do not need to initiate a connection from your host to your equipment through mylo2.

OptConnect cellular products, including mylo2, operate on a private network to protect them and your equipment from attempted malicious access originating from the Internet.

Your computer, or your host system, must use VPN credentials to be granted access to our private network and to remotely access your equipment through mylo2.

If this mylo2 is your *first* OptConnect device, contact our Customer Care Center at 877.678.3343 to install our free software VPN client or to discuss other options.

If this mylo2 is part of a larger portfolio of OptConnect devices, your company is already using credentials to remotely access your equipment. You do not need to take any additional steps for remote access.

11. Manage your OptConnect Device

Your mylo2 includes a lifetime license to Summit to help you manage your cellular devices.

Log in at https://summit3.optconnect.com/login or contact our Customer Care Center at 877.678.3343

OptConnect
SUMMIT

FAQ

How do I log in to mylo2?

There is no login for mylo2. OptConnect manages all aspects of mylo2 as part of our managed wireless services.

How do I change mylo2's IP address, firewall settings, etc.?

Each mylo2 you receive is configured to your specifications before it arrives. Your mylo2 does not need to be configured on site unless your equipment/application requirements have changed. Contact our Customer Care Center at 877.678.3343 to adjust mylo2's configuration.

How do I know if mylo2 is online?

The middle green LED will flash or glow steadily when mylo2 is communicating with the cellular network. For more detailed performance and historical information, see Summit at https://summit3.optconnect.com/login or add Glimpse™ support to your equipment's software.

How do I get support?

Contact our Customer Care Center at 877.678.3343

Thousands of satisfied customers trust OptConnect as a leading provider of managed IoT services and headache-free cellular connectivity, with award-winning products and top-rated customer service. Let us show you why!

OptConnect.com

877.678.3343