

Quick Start Guide



tenacious connectivity
magnetic personality

Welcome to mylo

mylo is an LTE Category M1 cellular router perfectly suited for ATMs, point of sales systems, smart safes, and sensor applications.

mylo includes magnetic feet hidden in its base to enable it to attach to any metal surface without a bracket or tape.

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


mylo also includes Glimpse™, and on board API that responds to requests from your equipment's software and tells your equipment how mylo's cellular connection is performing. Only OptConnect has Glimpse™.

Follow steps 1 through 9 for a successful installation.



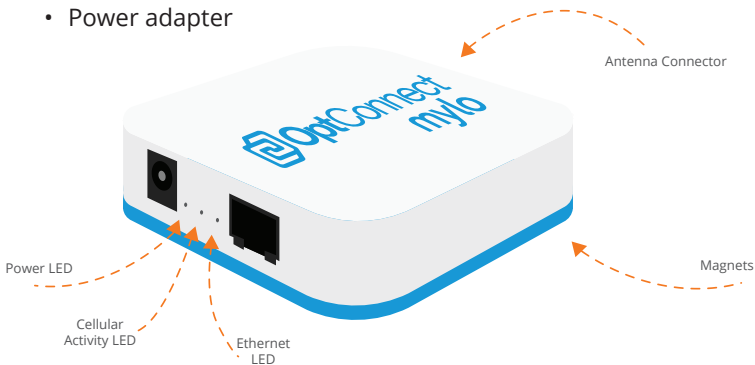
Scan this QR code to pull up a digital copy of this install guide.

Simple steps to Place, Plug & Play

1. Identify mylo and its included accessories
 2. Position the antenna
 3. Place mylo 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
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1. Identify mylo and its accessories


- mylo 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**
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3. Place mylo, connect antenna & power


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

IMPORTANT - when mylo powers on 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 mylo reboots. **You must allow this process to complete.**



4. Maximize signal strength and quality

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

1. Log in to the OptConnect Summit portal at summit.optconnect.com
 2. Click Total Devices link
 3. Locate serial number on mylo and scroll to find it or type it in Search/Filter box and press Enter
 4. Click mylo's link to view Signal Strength in On Demand Info section
 5. Adjust antenna position by an inch or two
 6. Click Refresh on Demand Info button – Important: mylo can take 15 seconds to update
 7. Repeat steps 5-6 until signal strength is maximized and signal quality is maximized
 8. If it is not possible to maximize both signal strength and quality, maximize quality
 9. **Recommended:** enter your device's identified and description
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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 mylo

- 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.
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7. Connect ethernet cable and test

- Connect the ethernet cable to your equipment and to mylo
 - 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 mylo, ex. 192.168.1.__
 4. Repeat test
 5. Contact our OptConnect Customer Care Center at 877.678.3343
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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 mylo

- Look up the IP address of your mylo 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 mylo's IP address and the standard OptConnect RMS ports
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9. Identify remote access ports for non-ATM equipment

- mylo is configured for common remote access protocols such as https, RDP, vnc, ssh, GoToMyPC, etc. 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 <mylo 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
 - mylo 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.
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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 mylo.

OptConnect cellular products, including mylo, 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 mylo.

If this mylo 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 mylo 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

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

Log in at summit.optconnect.com or contact our Customer Care Center at 877.678.3343



FAQ

How do I log in to mylo?

There is no log in for mylo. OptConnect manages all aspects of mylo as part of our Managed Wireless Services.

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

Each mylo you receive is configured to your specifications before it arrives. mylo 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 mylo's configuration.

How do I know if mylo is online?

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

How do I get support?

Contact our Customer Care Center at 877.678.3343





Let us show you why thousands of customers have made OptConnect the leading IoT managed services provider for headache-free cellular connectivity with award-winning products and top-rated customer service.

[OptConnect.com](https://www.optconnect.com)

877.678.3343