

QUICK NOTE: QN-016-WUK

# Merlin Cellular Quick Start

Mobile Interface Configuration





## Westermo

### **Merlin Router Configuration**

#### Login To The Merlin



Login using default root/admin

#### **Mobile 4G Settings**

Browse to **Network > Interfaces**. In the MOBILE section, click the **EDIT** button.

westermo	FC-We-Merlin4	407	AUTO REFRESH ON 00E0C819399E / SXL-25.04.16
₽ Status	LAN MOBILE		
≏ System ►	Interfaces		
<ul> <li>Security</li> <li>Management</li> </ul>	Interface Overv	iew	
ně Notwork 🛛	Network	Status	Actions
Interfaces BFD	LAN ダ ((アスタス))	Uptime: 23h 48m 23s MAC Address: 00:00:08:19:39:9E RX: 9:94 MB (109869 Pkts.) TX: 6.62 MB (22343 Pkts.)	CONNECT STOP EDIT DELETE
BGP	DI-LAIN	IPv4: 172.30.1.201/24	
DHCP and DNS	MOBILE	Uptime: 23h 44m 31s RX: 2.42 MB (17151 Pkts.) TX: 2.43 MB (17198 Pkts.)	CONNECT STOP EDIT DELETE
Diagnostics	rmnet_data0	IPv4: 10.184.203.184/32	

Enter the appropriate APN (Access Point Name) provided by your mobile network provider.



When the MOBILE interface is connected it will update and show the interface and status details.

Further cellular status information can be seen under Status -> Mobile information and System -> System log

# Westermo

#### LAN IP Address.

Log in to the Merlin web configuration UI and browse to **Network > Interfaces**.

In the LAN section, click the **EDIT** button.

westermo	FC-We-Merlin4	407	image1/config1 AUTO REFRESH ON 00E0C819399E / SXL-25.04.16.000
	LAN MOBILE		
🖉 Status 🕨 🕨			
△ System ►	Interfaces		
🇴 Security 🕞 🕨			
Management	Interface Overv	iew	
	Network	Status	Actions
Network      Interfaces      RED	LAN 19 (2222)	Uptime: 23h 14m 42s MAC Address: 00:E0:C8:19:39:9E RX: 7.67 MB (101739 Pkts.)	CONNECT STOP EDIT DELETE
BGP	br-LAN	IPv4: 172.30.1.201/24	

Next enter the new LAN IP address and subnet mask. Use an IP address and subnet mask appropriate for your application. Examples used in this note were:

Protocol: Static address

IPv4 address: 172.30.1.201

IPv4 netmask: 255.255.255.0

westermo	FC-We-Merlin4407 AUTO REFRESH ON 00E0C819399E / SXL-25.04.16.000						
₽ Status ►	LAN MOBILE						
△ System ►	Interfaces - LAN						
Security >	On this page you can configure the network interfaces. You can bridge several interfaces by ticking the "bridge interfaces" field and enter the names of several						
Management	network interfaces separated by spaces. You can also use <u>VLAN</u> notation INTERFACE.VLANIR (e.g.: eth0.1).						
Network 🔻	General Setup Advanced Settings Physical Settings Firewall Settings						
Interfaces BFD BGP	Uptime: 23h 17m 36s MAC Address: 00:E0:C8:19:39:9E MTU: 1500 RX: 7.97 MB (102721 Fkts, 0 Errors, 0 Drops, 0 Overruns, 0 Frame) br-LAN TX: 7.04 MB (16993 Pkts, 0 Errors, 0 Drops, 0 Overruns, 0 Carrier, 0 Collisions) IPvd: 172 30.1 201 (24)						
DHCP and DNS	Status						
DHCP-Forwarder Diagnostics	Protocol Static address.						
Hostnames ISDN PRI	IPv4 address 172:30.1.201						
Multi-WAN	IPv4 netmask 255.255.25.0						

Scroll to the bottom of the page and click Save & Apply.



Changing an IP address of the connected LAN interface will update and take effect immediately.



### Revision history for version 1.0

Revision	Rev by	Revision note	Date
00	VC	Release version	30/10/24
01			
02			
03			
04			
05			
06			
07			