

Portable Node Setup

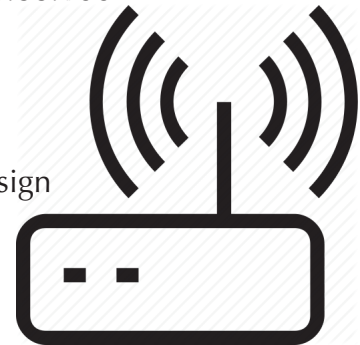


Mikrotik LHG 5

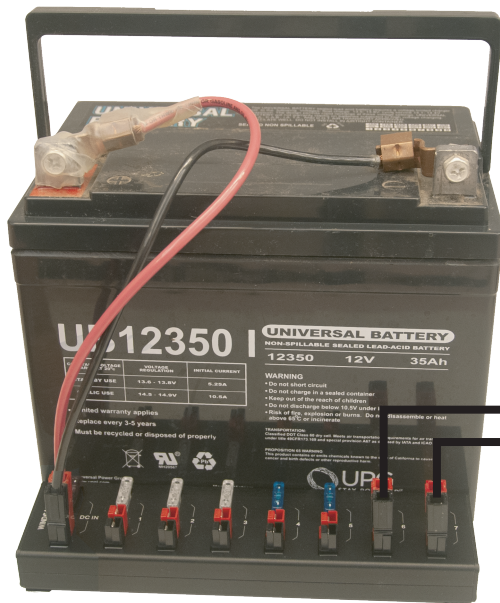
Gets Wireless IP Address 44.x.x.x from Sector.
Configured with Ethernet IP Address 192.168.88.1.
Gets Power over Ethernet from 12 volt sealed lead acid battery.

Wireless WiFi Router

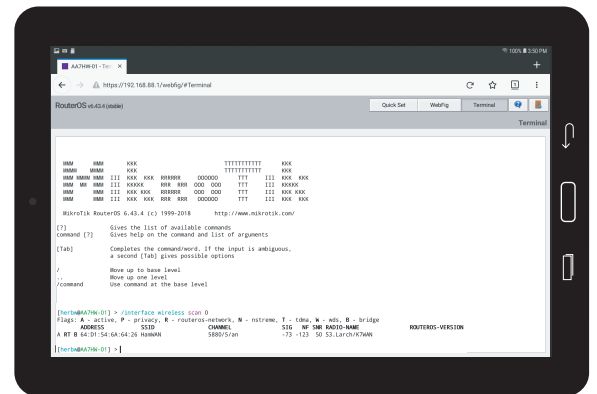
Gets power from 12 volt sealed lead acid battery.
Internet Port connected to Mikrotik LHG 5.
Gets IP Address 192.168.88.100
via DHCP from LHG 5.
LAN side of Router
configured with
IP Address 192.168.0.1.
Router uses DHCP to assign
IP Addresses to WiFi
and Ethernet LAN Ports.



Power over Ethernet Injector



12 volt battery with Anderson PowerPole Connectors
can power both LHG 5 and WiFi Router.



Tablet

Connects to WiFi Network
provided by WiFi Router.
Gets IP Address (e.g 192.168.0.2)
via DHCP from Router.
Web Browser can connect to
<https://192.168.88.1> to configure LHG 5.
Router routes from 192.168.0.x network
to 192.168.88.x and 44.x.x.x networks.