

Full Command Reference

All commands are entered at the `meshcore-cli` prompt after establishing a connection.

Device Information & Status

Command	Purpose
<code>info</code>	Device details, firmware version, battery level
<code>status</code>	Radio state and statistics
<code>nodes</code>	List all discovered nodes in range
<code>config get</code>	Read all current settings

Configuration

Command	Purpose
<code>config set name "MyNode"</code>	Set node name
<code>config set tx_power 20</code>	Set TX power in dBm
<code>config reset</code>	Restore factory defaults
<code>set name NAME</code>	Set repeater/room server name
<code>set lat LAT</code>	Set latitude coordinate
<code>set lon LON</code>	Set longitude coordinate
<code>password NEWPW</code>	Set admin password

Messaging

Command	Purpose
<code>send <node> <message></code>	Direct message to a specific node
<code>broadcast <message></code>	Message to all nodes (floods)
<code>listen</code>	Monitor all incoming messages in real time

Network & Routing

Command	Purpose
<code>advert</code>	Trigger immediate advertisement broadcast
<code>set flood.advert.interval 6</code>	Set flood advert interval in hours
<code>set path.hash.mode 1</code>	Path hash mode: 0=1-byte, 1=2-byte, 2=3-byte
<code>region put us</code>	Add US region scope
<code>region put us-co us</code>	Add Colorado sub-region under US
<code>region save</code>	Save region configuration

Repeater & Room Server

Command	Purpose
<code>set agc.reset.interval 4</code>	Reset AGC every N minutes (fix receiver deafness)
<code>set repeat on</code>	Enable packet repeat (room server firmware)

Firmware & Maintenance

Command	Purpose
<code>reboot</code>	Restart the device
<code>flash</code>	Update firmware

Revision #2

Created 2026-05-03 03:00:19 UTC by Mesh America Admin

Updated 2026-05-03 12:35:17 UTC by Mesh America Admin