Off-line and Off-grid messaging platform for a new era of secure communications.

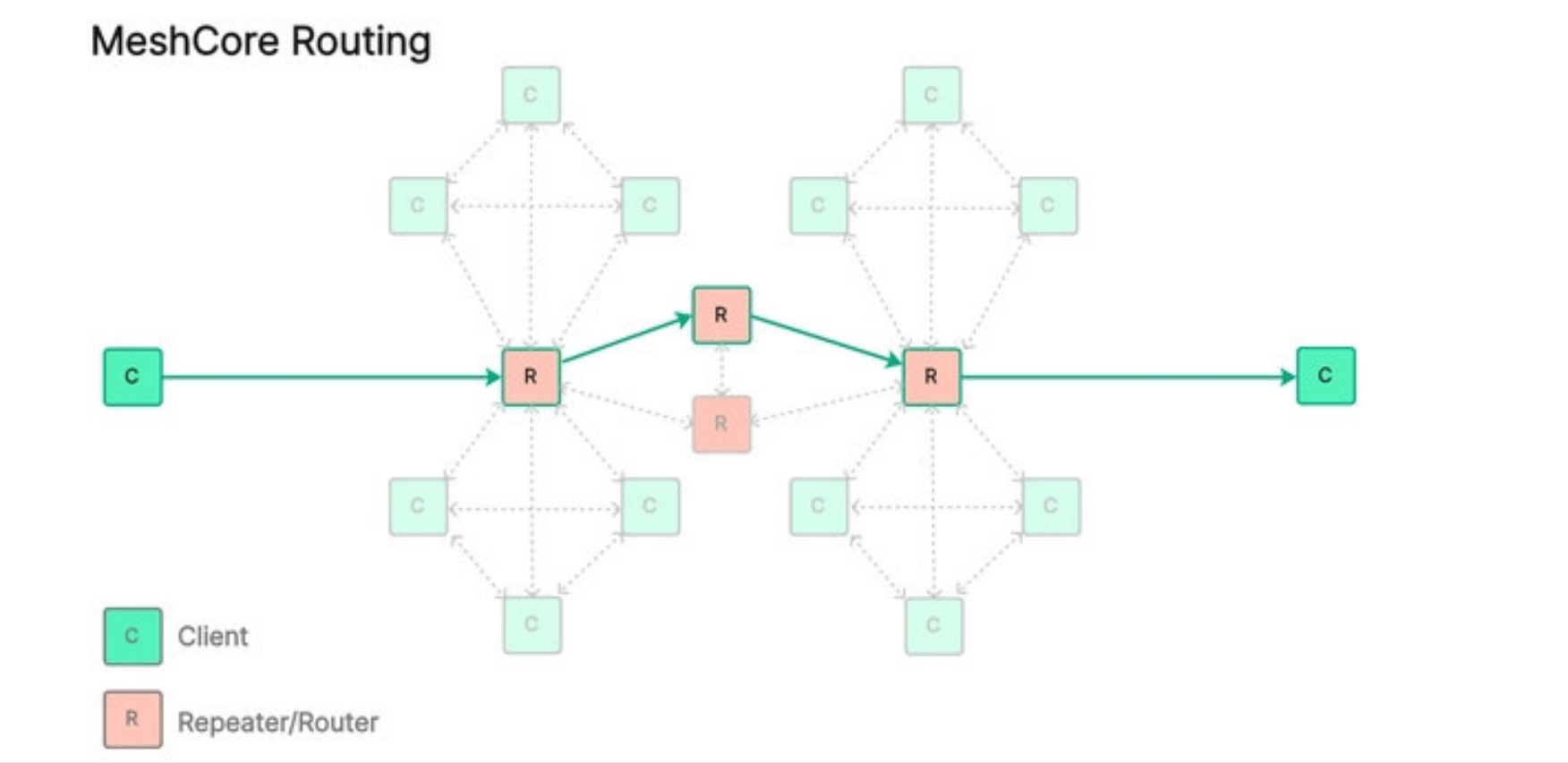
Wat is Meshcore

- Off grid communicatie
- P2P
- Multi platform
- Gratis
- 868 Mhz (EU)
- LoRa
- Energie zuinig
- Noodcommunicatie
- Niet alleen voor zendamateurs

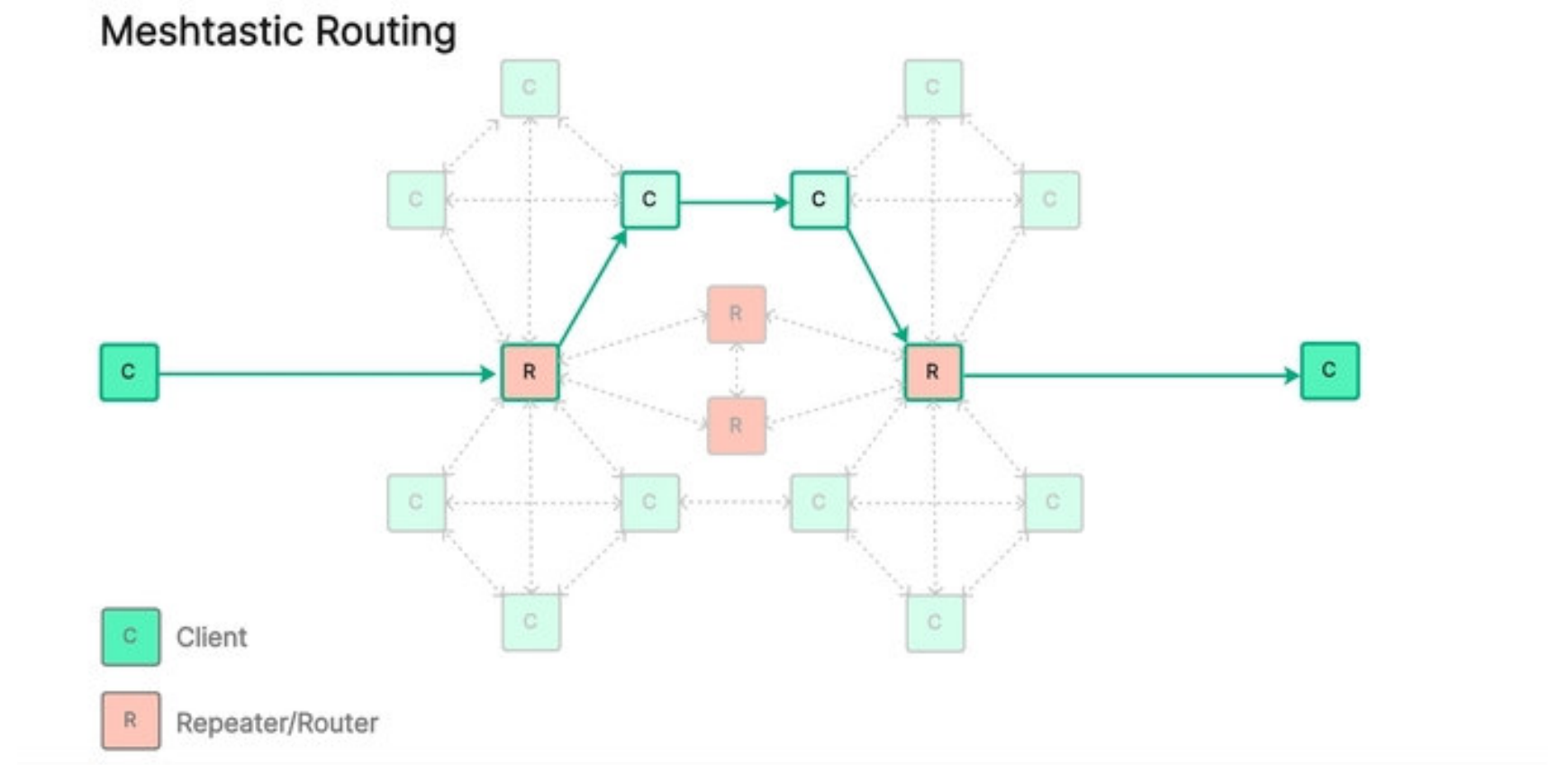
Rollen

- Companion / community (Stand alone of met Telefoon)
- Repeater
- Room server

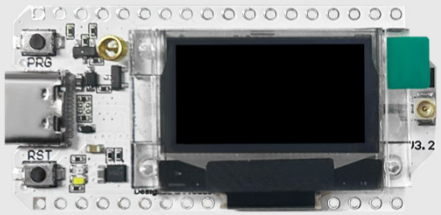
Routing

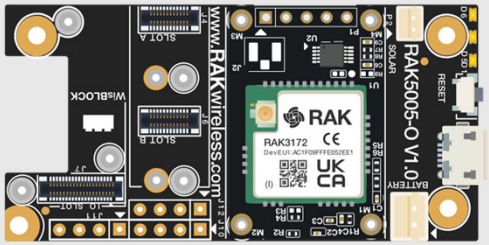


Meshtastic



Devices





Heel veel devices

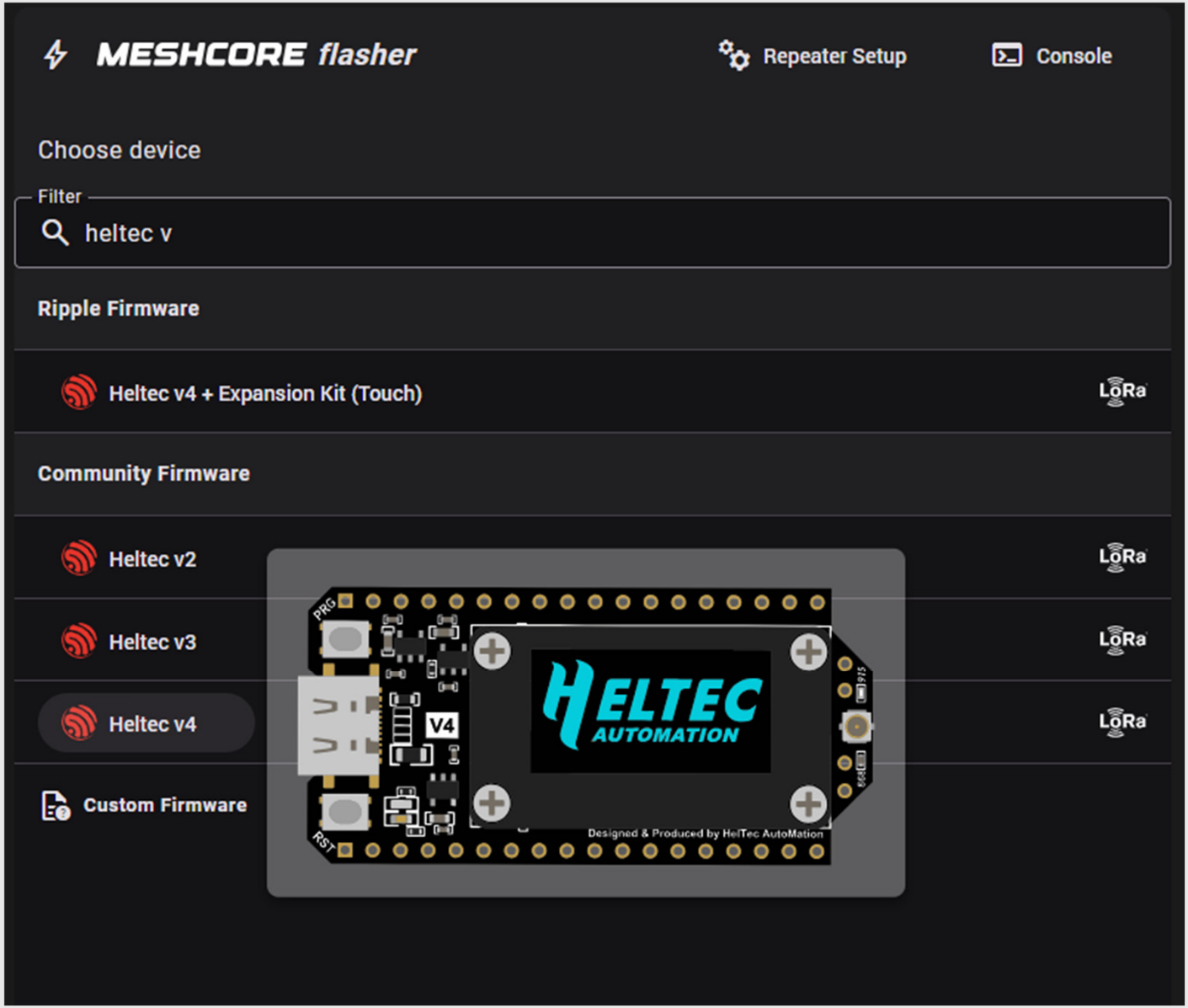
Devices

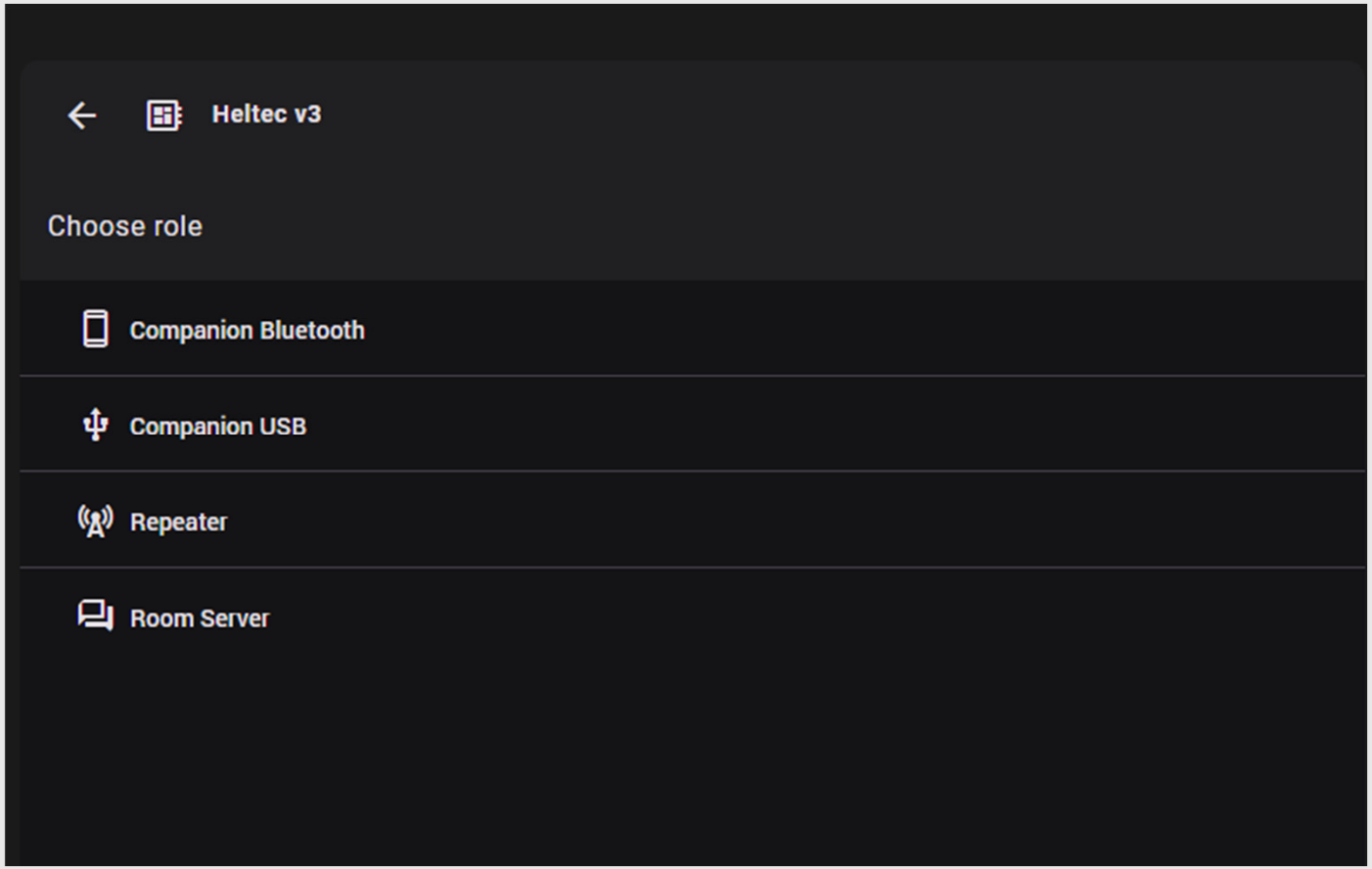
Heltec v4, een veilige keuze!
€ 22,- euro in NL

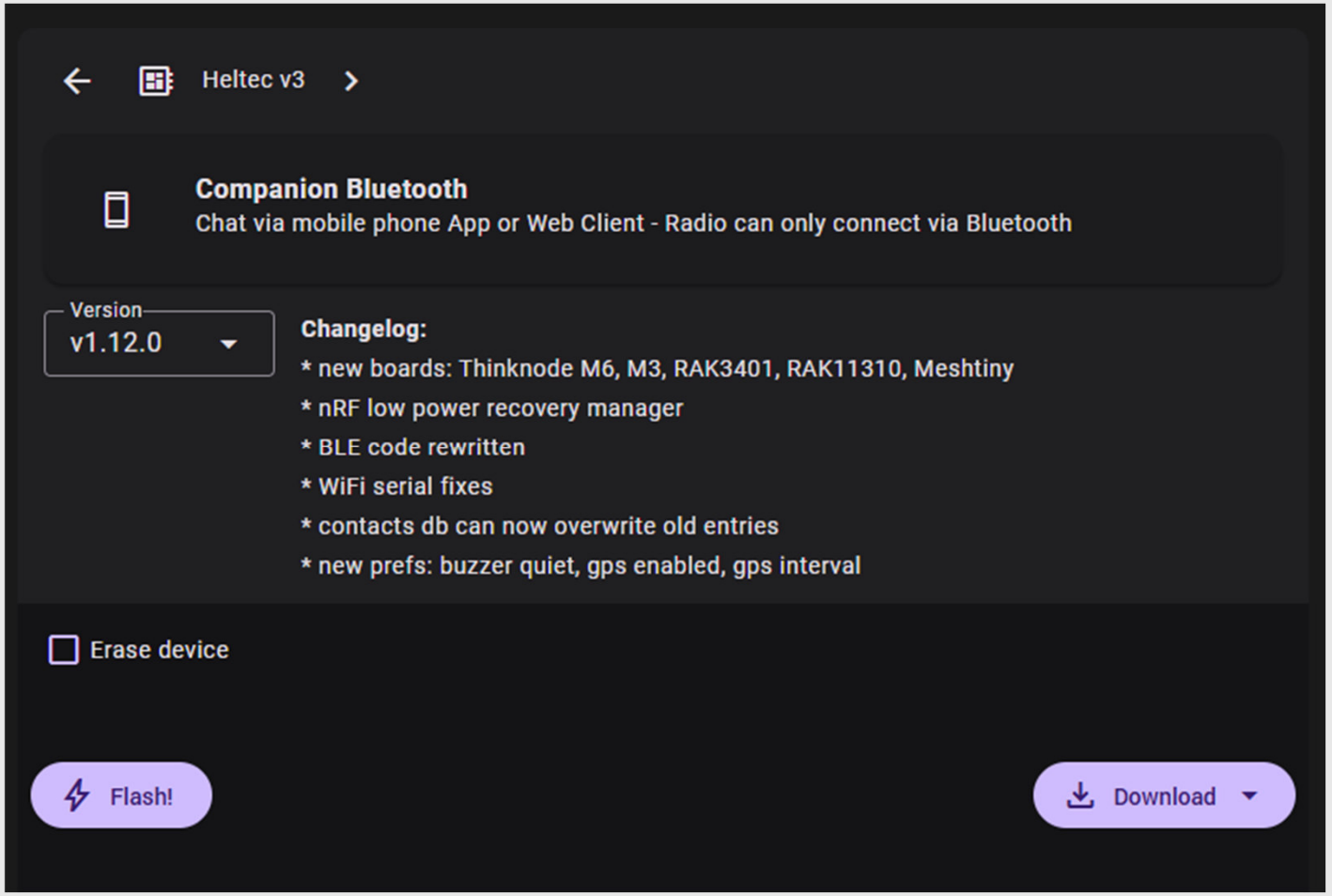
Geen reclame maar kijk
eens bij Tinytronics

Flashen

https://meshcore.co.uk/


MESHCORE flasher
Repeater Setup
Console
Choose device
Filter
heltec v
Ripple Firmware
Heltec v4 + Expansion Kit (Touch)
LoRa
Community Firmware
Heltec v2
Heltec v3
Heltec v4
Custom Firmware
PRG
RST
V4
HELTEC
AUTOMATION
Designed & Produced by HelTec AutoMation


Heltec v3
Choose role
Companion Bluetooth
Companion USB
Repeater
Room Server



Erase alleen bij veranderen rol of nieuw device. Bij upgrade firmware niet!

Na het flashen

Companion in stellen via app op mobiel

Repeater instellen via de website

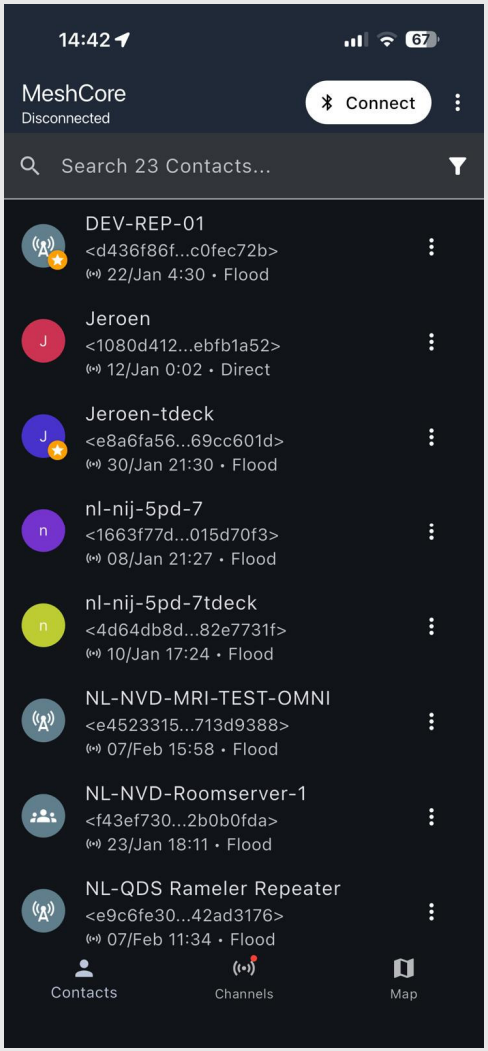
Kies EU / UK Smallband

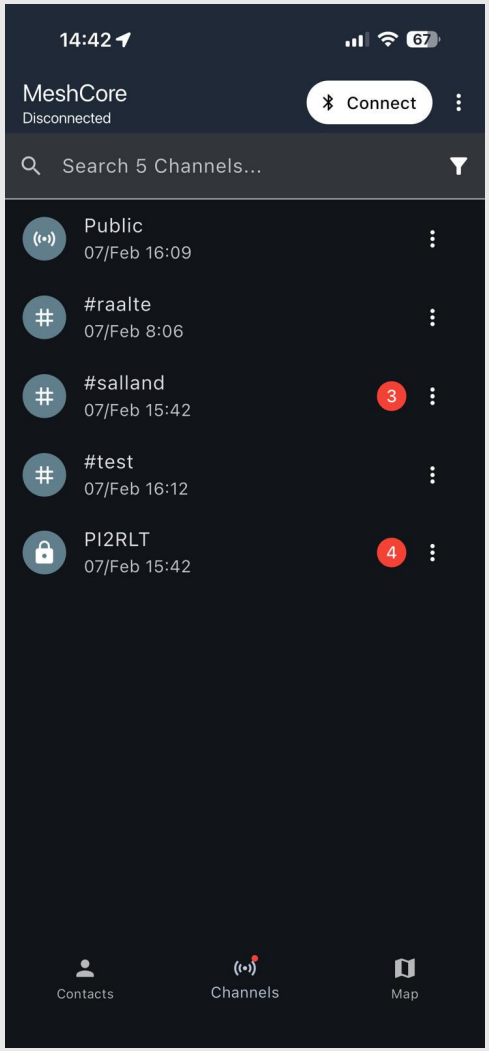
Naam / callsign?

https://service.unece.org/trade/locode/nl.htm

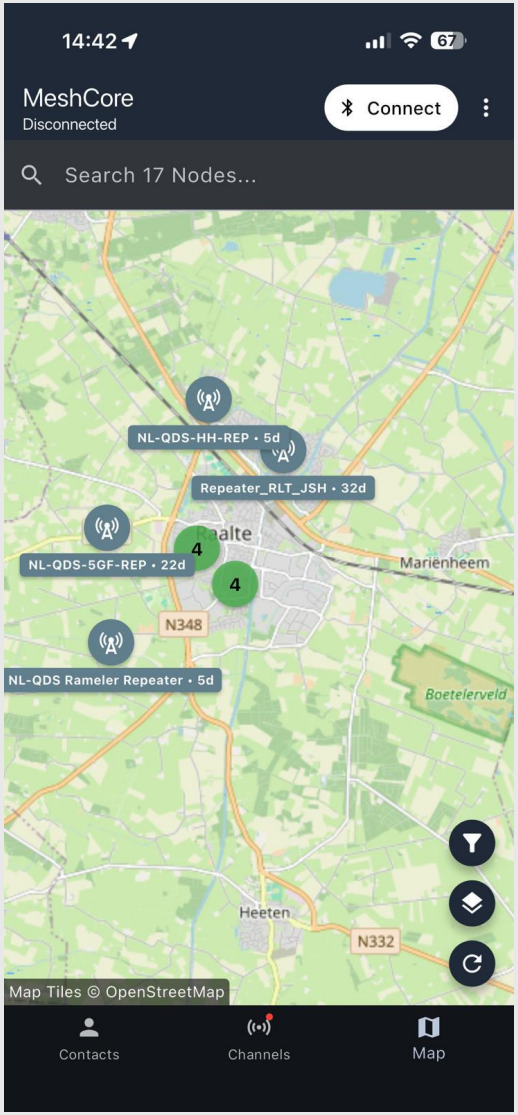
Auto add contact

App


14:42
67
MeshCore
Disconnected
Connect
Search 23 Contacts...
DEV-REP-01
<d436f86f...c0fec72b>
22/Jan 4:30 • Flood
Jeroen
<1080d412...ebfb1a52>
12/Jan 0:02 • Direct
Jeroen-tdeck
<e8a6fa56...69cc601d>
30/Jan 21:30 • Flood
nl-nij-5pd-7
<1663f77d...015d70f3>
08/Jan 21:27 • Flood
nl-nij-5pd-7tdeck
<4d64db8d...82e7731f>
10/Jan 17:24 • Flood
NL-NVD-MRI-TEST-OMNI
<e4523315...713d9388>
07/Feb 15:58 • Flood
NL-NVD-Roomserver-1
<f43ef730...2b0b0fda>
23/Jan 18:11 • Flood
NL-QDS Rameler Repeater
<e9c6fe30...42ad3176>
07/Feb 11:34 • Flood
Contacts
Channels
Map


14:42
67
MeshCore
Disconnected
Connect
Search 5 Channels...
Public
07/Feb 16:09
#raalte
07/Feb 8:06
#salland
07/Feb 15:42
3
#test
07/Feb 16:12
PI2RLT
07/Feb 15:42
4
Contacts
Channels
Map

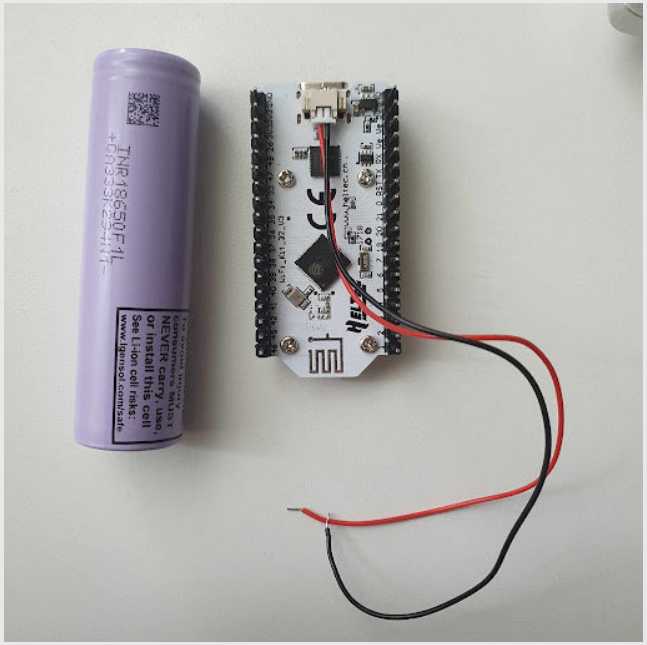
App


14:42
67
MeshCore
Disconnected
Connect
Search 17 Nodes...
NL-QDS-HH-REP • 5d
Repeater_RLT_JSH • 32d
NL-QDS-5GF-REP • 22d
4
4
Marienheem
N348
NL-QDS Rameler Repeater • 5d
Boetelerveld
Heeten
N332
Map Tiles © OpenStreetMap
Contacts
Channels
Map

Bluetooth

Ga voor 2 devices als je niet in de directe omgeving van repeater zit

Project?


INR18650F1L
NEVER carry, use, or install this cell
See Li-ion cell risks:

5W Solar Panel
860~960 MHz
Antenna
Helrec V3
LoRa Module
2pcs Lithium
Battery(5200mAh)
Controller
Input Type-c 5V/1A

heltec.org

Flashdate?

Vragen?