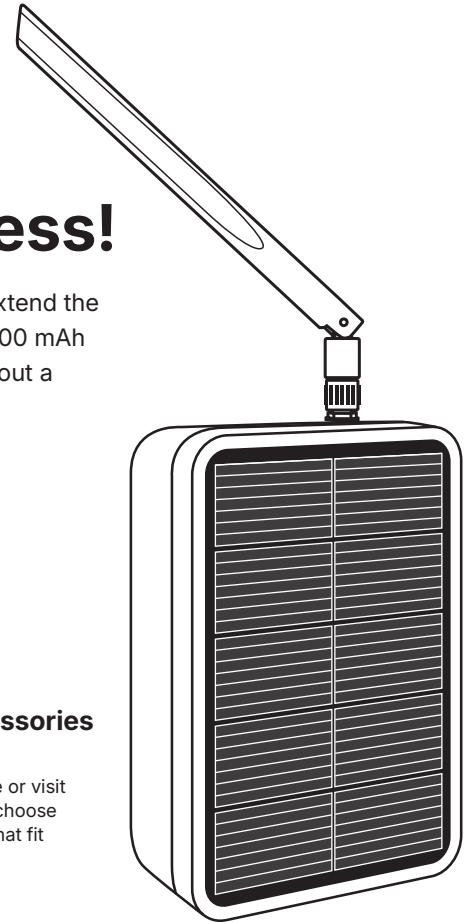




Thanks for choosing RAKwireless!

The WisMesh Repeater Mini V2 is a ready-to-use Meshtastic repeater designed to extend the range of the Meshtastic LoRa[®] Mesh network. It combines a WisBlock module, a 3,200 mAh battery, and our Unify Enclosure with Solar Panel, enabling deployment in areas without a permanent power supply.

This product comes in two variants, differentiated by LoRa transmit power:

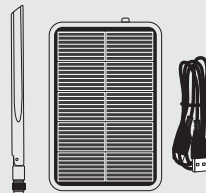
- RAK10728 (V2): supports up to 22 dBm transmit power
- RAK10729 (V2 1W): supports up to 30 dBm transmit power

For RAK10728 use Meshtastic *firmware-rak4631-w.x.yy.zzzzzzz.uf2*

For RAK10729 use Meshtastic *firmware-rak3401-1watt-w.x.yy.zzzzzzz.uf2*

Package Contents

WisMesh Repeater Mini x 1
USB Cable x 1
WisMesh Blade Antenna x 1



Optional mounting accessories

are available separately.



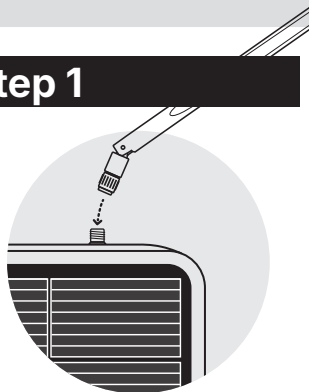
Scan the QR code or visit the link below to choose the accessories that fit your installation.

 bit.ly/ueacccs

Getting Started

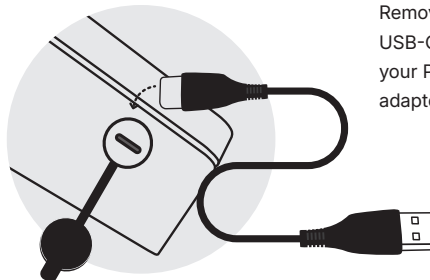
Step 1

Remove the rubber cap from the RP-SMA connector on top of the repeater. Attach the blade antenna by screwing it onto the connector securely.



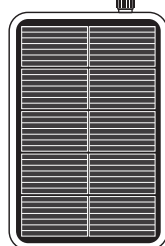
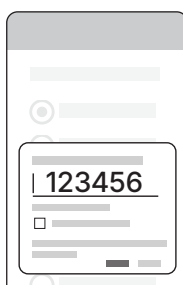
Step 2

Remove the rubber plug. Connect the USB-C cable to the port inside, then to your PC for configuration or to a power adapter for charging.



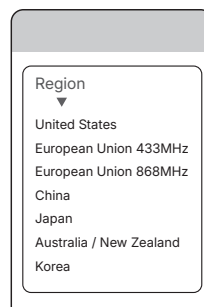
Step 3

→ Download/open Meshtastic App
→ Pair using PIN 123456



Step 4

Select your region



⚠ The device will NOT function until the region has been set via the Meshtastic App.

Step 5

After completing the configuration, reinsert the rubber plug to prevent water ingress.



Need More Information?

For detailed product specifications, configuration guides, and technical support, scan the QR code on the right to access our online document center. Stay up to date with the latest resources and troubleshooting tips to get the most out of your device.



Scan for WisMesh Repeater Mini V2 Documentation