

Outdoor Wi-Fi Access Point Mesh Repeater Power from the SUN☀️

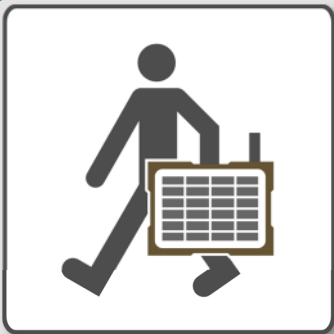


poggimo

Standard / Cellular model

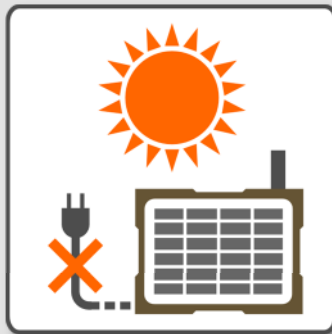
Water & Dust Proof
Solar Panel & Li-ion Battery
GPS / 2.4GHz Wi-Fi
Multi-SSID / IEEE802.1X
Client Isolation
Online Management

1 All-in-one Component



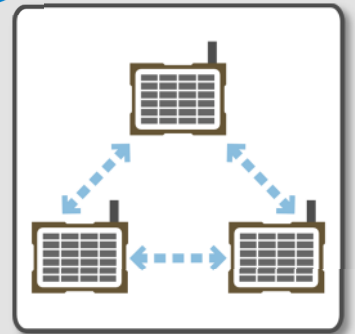
Weight: 15kg
Easy to Setup
Custom-made &
User Friendly Case

2 Power from the SUN



Solar Panel & Li-ion Battery
The Maximum continuous
operating time without
sunlight: 4 days

3 Mesh Network



Extending Wi-Fi Easily:
poggimo finds other
poggimo & builds mesh
network automatically

Examples of poggimo Operations

Construction Site

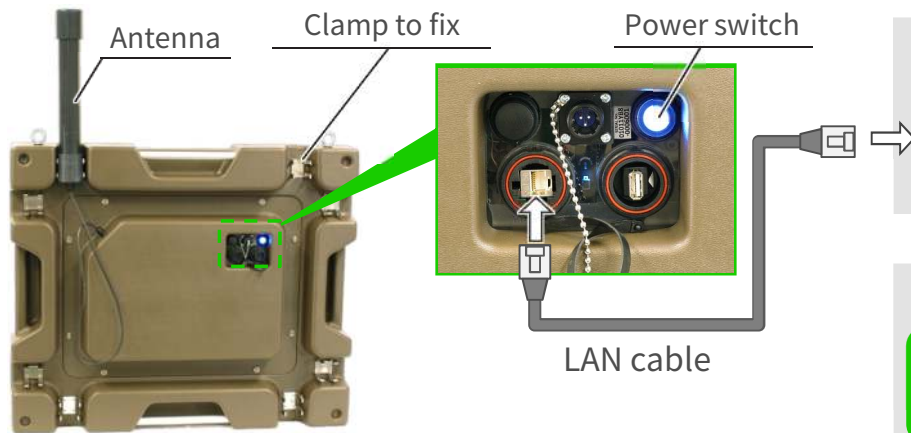


Running Event



Variety of Clients

**Festival, Bicycle Racing,
Government(e-learning /
evacuation spot), Campsite,
Factory, Farm, and more.**



Internet Network

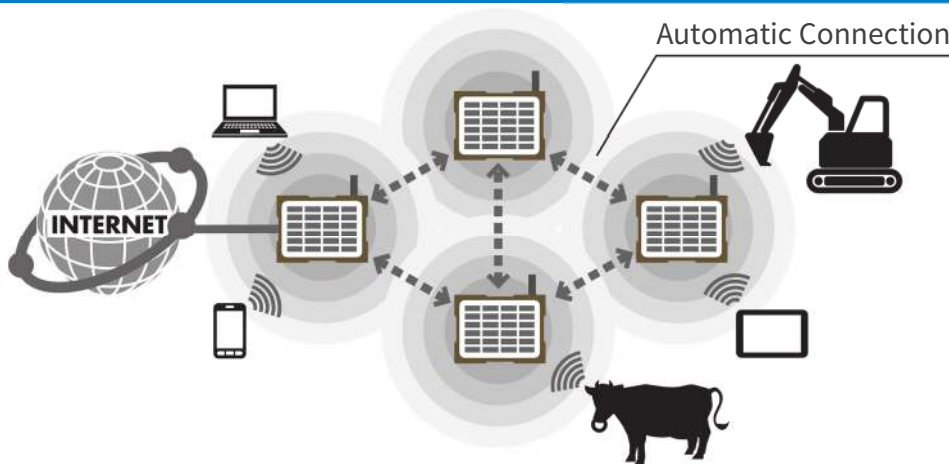
- Fixed line
- Mobile hotspot
- Satellite Internet

Cellular Model

Unlocked



- 4G: 800MHz / 1500MHz / 1800MHz / 2100MHz / 2500MHz
- 3G: 800MHz / 850MHz / 2100MHz
- Size: micro SIM



Specification

The Specification of poggimo below is the US Pre-production version. If you want to operate poggimo in your country, **please contact us.**

- **Your inquiries from various countries are warmly welcome.**
- We might have changed its structure to adjust the country's law and regulation.

Body	
dimensions	W 780mm / H 650mm / D 100mm
weight	about 15kg
temperature	-10°C to 50°C (no condensations)
power supply	solar panel, rechargeable battery
continuous period of time	4 days without sunlight
water & dust proof	corresponds IP54
setting	web browser
IP address	DHCP(IP address from external DHCP server) / Static
accessories	eyebolt (M8) × 4, seal washer (M8) × 4
price	open price
Power	
battery	Li-ion battery (384Wh)
DC charge terminal	DC 16V / 5A (AC adapter for poggimo)
DC charging time	about 20 hours (power off, 0% to 100%)
DC output	DC 5V / 1A (terminal: USB A female connector)

Note: Specifications are subject to change without notice.
 In the condition of averaged sunlight in Japan(1800 hours throughout of the year), It is recommended batteries are exchanged by 3 years.
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Network (FCC certified)	
Mesh Network	
protocol	IEEE 802.11b/g, mesh link protocol
encryption method	AES / none
wireless broadcast range	less 1.6 km (non-directional radio wave)
Access Point	
protocol	IEEE 802.11b/g
encryption method	WPA-PSK(AES/TKIP) / WPA2-PSK(AES/TKIP) / None WPA Enterprise(AES/TKIP) / WPA2 Enterprise(AES/TKIP)
wireless broadcast range	less 1.6 km (non-directional radio wave)
multi-SSID	up to 2
VLAN	up to 2 / VLAN ID (1~4094) only with multi-SSID
Ethernet	
format	10BASE-T / 100BASE-TX
Option	
SPWL-AC-1	AC adapter
SPWL-E5-1	waterproof Ethernet cable (5m)
SPWL-U5-1	waterproof USB cable (5m)

#ZU1804-01

■ Development & Manufacturing
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