

PRODUCT 02

MIMO · FWA · 5G / LTE ROUTERS

# Outdoor 5G CPE that aims itself.

A self-optimizing 5G FWA solution — directional cellular CPE that finds the strongest tower on its own, then re-aims remotely whenever the network shifts. The customer's router provides the modem; SOCA provides the aim, the telemetry, and a web portal to monitor and re-aim every site from one screen.

-  Self-optimizing · auto-aligning antenna solution
-  Built for 5G FWA · outdoor CPE antenna solution



 VIDEO - 0:30  
Watch No-Modem SOCA in action



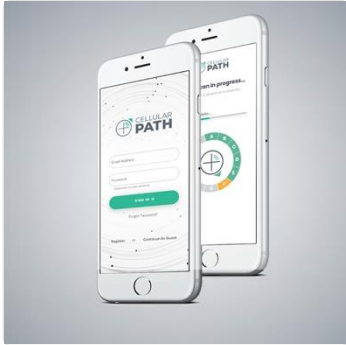
ROTATOR KIT



POYNTING EPNT-2 V3



TELTONIKA RUTM20



CELLULAR PATH APP

## 01 WHAT'S IN THE BUNDLE

- 01

**Cellular Path Rotator Kit**  
Rotator, mounting hardware, 12V power adapter, 50 ft cable, and No-Modem Controller.
- 02

**Poynting EPNT-2 V3**  
4x4 MIMO antenna with connector cables and RJ45 external adapters.
- 03

**Teltonika 5G Router**  
Interchangeable with any compatible router model.
- 04

**Pre-provisioned SIM or Dual SIM** (optional)  
Plug-and-play activation — no back-office call required on install day.

## 02 FEATURES & BENEFITS



**iOS & Android App**  
Ideal for quick onsite setup by installers — pair, scan, lock peak signal in under five minutes.



**Web Portal**  
Monitor large SOCA deployments. Device locations, tower selected, rescan, change carriers.



**API-rich access**  
APIs in and out of the platform. Import router back-end data directly into the system.



**Speed test ability**  
API-driven speed tests of the router — verify performance remotely on every site.

## 03 AT A GLANCE

MODEM

**Teltonika RUTM50 or RUTM20**  
No duplicate modem · no extra SIM

ANTENNA TYPE

**MIMO 2x / 4x**  
Multi-coax to router at the antenna

PAIRING

**Bluetooth · WiFi**  
Internal AP couples to customer router

ENVIRONMENT

**-20 °F to 140 °F**  
IPx2 · 60 mph sustained

## 04 VERIFIED COMPATIBLE

ROUTER

Teltonika RUTM50

Teltonika RUTM20

ANTENNA

Poynting EPNT-2 V3

MANAGE FROM

iOS App

Android App

Web Portal

QUOTE

CP-NMS-2026-01

CONFIGURATION

No-Modem SOCA · Teltonika

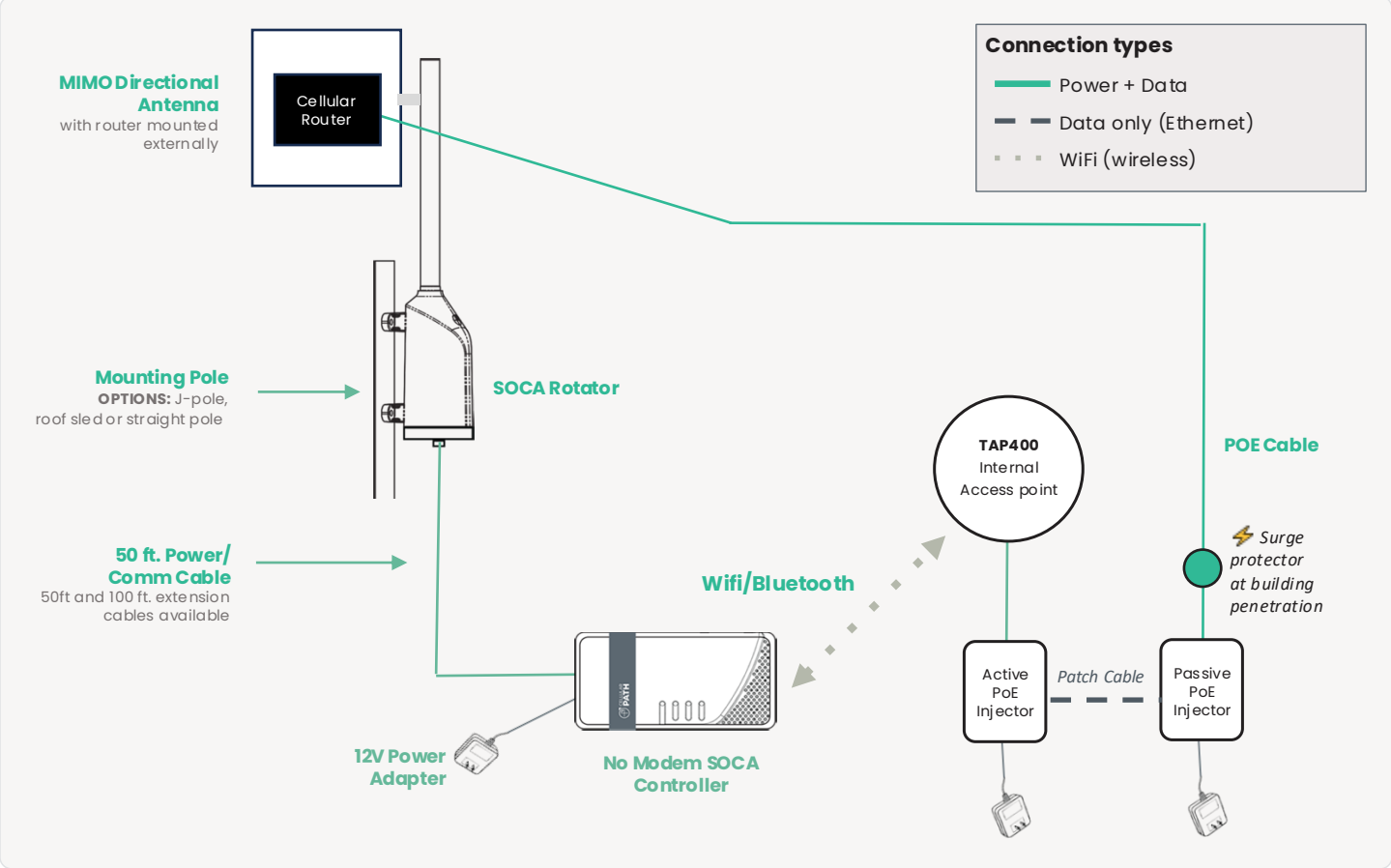
LEAD TIME

In stock · 5–7 business days

PRICING VALID

30 days from issue

01 SYSTEM ARCHITECTURE



**PoE mode by router.** RUTM50 uses Mode B passive PoE (spare pairs); RUTM20 uses Mode A (data pairs). The GPOE-1-AB universal injector supports both — jumper is configured per router at assembly.

02 BILL OF MATERIALS & PRICING

| #  | PART / DESCRIPTION                                                                                                                                       | QTY |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 01 | <b>SOCA-02 · No-Modem SOCA Controller</b><br>Rotator + controller + 50 ft cable + 12V PSU + mounting hardware                                            | 1   |
| 02 | <b>Poynting EPNT-2 V3</b><br>4x4 MIMO directional antenna · connector cables + RJ45 adapters                                                             | 1   |
| 03 | <b>Teltonika RUTM20</b><br>5G cellular router · interchangeable with any compatible model                                                                | 1   |
| 04 | <b>Teltonika TAP400</b><br>Wi-Fi 6 access point · indoor backhaul to controller                                                                          | 1   |
| 05 | <b>Ubiquiti UACC-PoE+-2.5G · Active PoE Injector</b><br>802.3af/at · 48V 30W · 2.5GbE · powers the TAP400                                                | 1   |
| 06 | <b>GPOE-1-AB-48v60w · Passive PoE Injector</b><br>48V Mode A/B universal — jumpered Mode A for RUTM20                                                    | 1   |
| 07 | <b>50 Ft. Outdoor Rated Cat 6 Ethernet Cable</b><br>Copper Clad, Outdoor, UV Resistant, Direct Burial, Waterproof, Durable, 50 Foot (15.2 Meters), Black | 1   |
| 08 | <b>Short Cat 6 patch</b><br>~3 ft indoor — LAN bridge between injectors                                                                                  | 1   |
| 09 | <b>Ubiquiti ETH-SP-G2 · Surge Protector</b><br>Installed at building penetration — protects indoor electronics                                           | 1   |
| 10 | <b>Grounding Kit</b><br>Lug + 6 AWG conductor to ground bus                                                                                              | 1   |

|                                                                                                                                                                                                                   |                                                                                                       |                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------|
| Pricing in USD. Does not include shipping, taxes, or installation. Quote valid 30 days from issue date. Cellular service plan, SIM activation, and Starlink subscription billed separately by carrier / Starlink. |                                                                                                       | CELLULAR PATH<br>SUBTOTAL |
| +                                                                                                                                                                                                                 | <b>Starlink Mini (Optional)</b><br>Optional satellite path · customer-supplied / direct from Starlink | 1                         |