

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



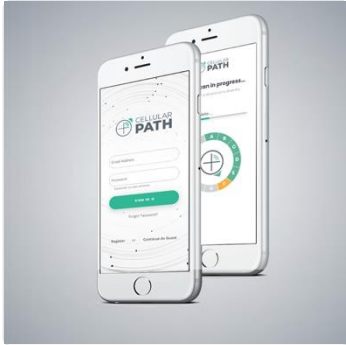
ROTATOR KIT



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	ANTENNA TYPE
Teltonika RUTM50 or RUTM20	MIMO 2x / 4x
No duplicate modem · no extra SIM	Multi-coax to indoor router
PAIRING	ENVIRONMENT
Bluetooth · WiFi	-20 °F to 140 °F
Internal AP couples to customer router	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

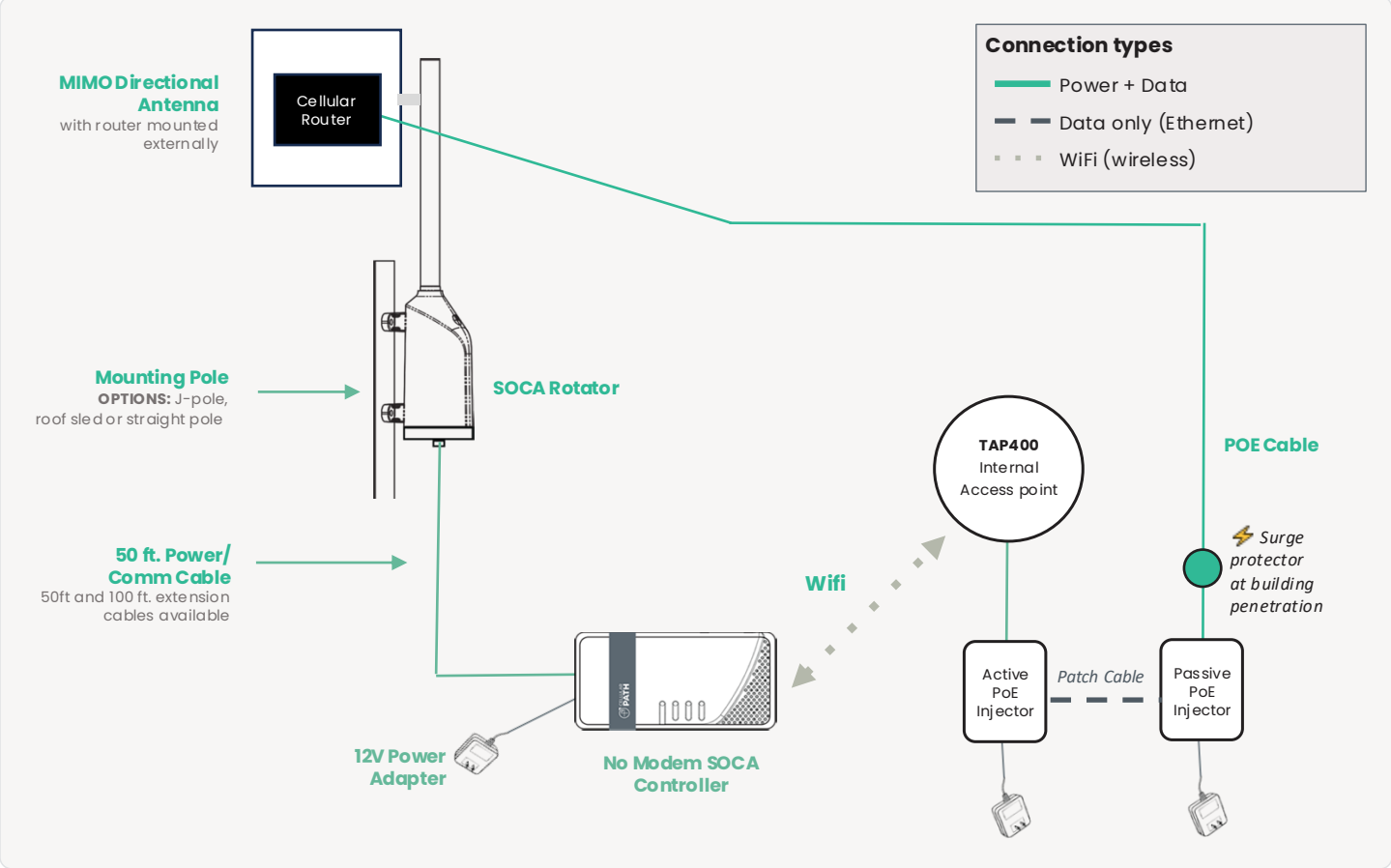
LEAD TIME

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	SOCA-02 · No-Modem SOCA Controller Rotator + controller + 50 ft cable + 12V PSU + mounting hardware	1
02	Poynting EPNT-2 V3 4x4 MIMO directional antenna · connector cables + RJ45 adapters	1
03	Teltonika RUTM20 5G cellular router · interchangeable with any compatible model	1
04	Teltonika TAP400 Wi-Fi 6 access point · indoor backhaul to controller	1
05	TP-Link TL-PoE260S · Active PoE Injector 802.3af / 2.5G — powers the TAP400	1
06	GPOE-1-AB-48v60w · Passive PoE Injector 48V Mode A/B universal — jumpered Mode A for RUTM20	1
07	50 Ft. Outdoor Rated Cat 6 Ethernet Cable Copper Clad, Outdoor, UV Resistant, Direct Burial, Waterproof, Durable, 50 Foot (15.2 Meters), Black	1
08	Short Cat 6 patch ~3 ft indoor — LAN bridge between injectors	1
09	Ubiquiti ETH-SP-G2 · Surge Protector Installed at building penetration — protects indoor electronics	1
10	Grounding Kit 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 SUBTOTAL		
10	Starlink Mini (Optional) Optional satellite path · customer-supplied / direct from Starlink	1