SRP · SOLAR REPEATER

SRP

Reach the hard-to-reach.

A solar repeater for the spots a collector cannot hear: behind a hill, a building or a stand of trees. Mount it high and it relays those reads to an FNC or a DuCo.

Solar | Private RF 450 MHz | Relays to FNC or DuCo | 1,000 Endpoints



1,000	~1 sq mi	Solar	FNC or DuCo
endpoints	coverage	self-contained	relays to

FILL THE GAPS

Over the obstruction

Placed high enough to clear the hill, building or trees that block the signal.

SOLAR

Mount it and go

A packaged solar unit for a pole, a sign or a wall.

RELAY

Two ways home

Relays to an FNC (Ethernet or Wi-Fi backhaul) or to a DuCo (cellular backhaul).

RUGGED

IP68 and fully potted

Rated -40 to 185 °F.

SPECIFICATIONS

Function	Private RF Network repeater; relays endpoint reads to an FNC or a DuCo
Coverage	About a 1/2-mile radius (about 1 sq mi)
Endpoints served	Up to 1,000
Power	Solar package, self-contained
Frequency band	450–470 MHz, licensed; built-in duplexer for a single antenna
Network	Two-way, time-stamped reads and alarms, over-the-air firmware updates, end-to-end security
Mounting	Pole, sign or wall
Enclosure	IP68, fully potted, 6.5 × 3.2 × 3.1 in, 3 lb (electronics, not including solar package)
Temperature	-40 to 185 °F (-40 to 85 °C)
Humidity	0–95% non-condensing
Approvals	FCC Parts 15 and 90

Coverage depends on antenna height, terrain, buildings and land cover. RG3 may change specifications without notice except where a contract applies.