WEPTAC A.G.
Weapons & Tactics Alliance Group

MANET SYSTEMS

THREE-CASE KIT · FIELD DEPLOYABLE

WARLOCK

Warfighter Long-range Communications Kit

Directional reach, unmanned persistence, and cross-network bridging in one transportable package — built to turn ad hoc radio traffic into deliberate network architecture.

WAG-WARLOCK-COM

THE WARLOCK KIT delivers a versatile set of capabilities for extending, stabilizing, and integrating MANET communications across diverse operational environments. It combines directional high-gain antennas for long-range point-to-point links, extended-range omni antennas with austere solar power for persistent unmanned relay operations, and a dual-network bridging solution that unifies TrellisWare and Silvus systems. Together these components enable deliberate network architecture, increased standoff distance, resilient coverage, and seamless interoperability across dispersed or denied areas.

ALSO OFFERED · MISSION PLANNING

CLOUDRF — RF PLANNING & COVERAGE PREDICTION

Plan the network before the cases open. CloudRF models propagation across real terrain and clutter to predict achievable coverage, not line of sight alone — so relay siting and directional shots are decided on data rather than trial and error.

CONFIGURATION

3 CASES

Directional · Relay · Bridge

SHIPPING WEIGHT

145 LB

85 / 30 / 30 lb per case

NETWORKS UNIFIED

TW + SILVUS

Multi-net bridge across both waveforms

KIT COMPONENTS

FIELDED TOGETHER OR INDEPENDENTLY



A2 · WAG-WARLOCK-COM-2-A

DIRECTIONAL HIGH-GAIN SET

Long-range point-to-point links that extend range without brute-force power, holding data integrity in contested spectrum.

33.3 × 24.4 × 19.3 in

85 lb



P2 · WAG-WARLOCK-COM-1-P

EXTENDED OMNI + SOLAR RELAY

Extended-range omni antennas with austere solar power for persistent, unmanned relay nodes and full coverage.

23.4 × 13.52 × 10.57 in

30 lb



R2 · WAG-WARLOCK-COM-2-R

MULTI-NET BRIDGE

Unifies TrellisWare and Silvus into one architecture — combined coverage, throughput advantage, flexible node roles.

24.6 × 19.7 × 11.7 in

30 lb

SALES@WEPTACAG.COM

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OPERATIONAL ADVANTAGE

GROUPED BY THE EFFECT EACH CASE DELIVERS

REACH & STANDOFF

A2 — DIRECTIONAL HIGH-GAIN

- Extends standoff distance with directional high-gain links
- Improves data integrity and reliability in contested spectrum
- Reduces dependence on brute-force transmit power
- Enables deliberate network architecture versus ad hoc comms

PERSISTENCE & COVERAGE

P2 — OMNI RELAY WITH SOLAR

- Persistent, unmanned node operations with austere solar sustainment
- Extended relay range and full-coverage omni deployment
- Supports deliberate, persistent network extension
- Mobile, full-coverage deployment across dispersed elements

INTEROPERABILITY

R2 — MULTI-NET BRIDGE

- Cross-network interoperability across a multi-net bridge
- Combined coverage with a throughput advantage
- Flexible node roles across a unified MANET architecture

WHY IT MATTERS

DELIBERATE NETWORK ARCHITECTURE — NOT AD HOC COMMS

SPECIFICATIONS

CASE DIMENSIONS, WEIGHTS & ORDERING REFERENCE

PART NUMBER	CASE	COMPONENT	DIMENSIONS (IN)	WEIGHT
WAG-WARLOCK-COM-2-A	A2	**Directional high-gain antenna set**	33.3 × 24.4 × 19.3	85 lb
WAG-WARLOCK-COM-1-P	P2	**Extended-range omni antennas with austere solar**	23.4 × 13.52 × 10.57	30 lb
WAG-WARLOCK-COM-2-R	R2	**Dual-network bridging solution (TrellisWare / Silvus)**	24.6 × 19.7 × 11.7	30 lb
CLOUDRF	—	**CloudRF RF planning subscription (optional)**	Software · web, ATAK, API	—
			TOTAL SHIPPING WEIGHT	**145 lb**

CONFIGURATION

The three cases ship as a combined kit and also field independently — deploy A2 alone for a point-to-point shot, P2 alone for an unmanned relay, or R2 alone to join two existing networks. CloudRF planning is offered with the kit or on its own. Contact WepTac A.G. for tailored fills, alternate case configurations, and integration with your existing radio inventory.

ORDERING & SUPPORT

Quote requests, lead times, and technical questions: sales@weptacag.com. Reference the part numbers above when requesting pricing or availability. Product literature is WepTac A.G. proprietary and provided for evaluation purposes.

REQUEST A QUOTE OR A CAPABILITY BRIEF

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CONTACT OUR SALES TEAM