A MOBILE SIGNAL INTELLIGENCE SUPPORT SYSTEM

COMPLETE SYSTEM DELIVERED IN A BACKPACK

SYSTEM INCLUDES:

Backpack, Highly Customized - Ruggedized Microsoft Surface Book w/ Performance Base, Signal Hound BB60C SDR, KESTREL® TSCM Pro Software, 24000 mAh Multi-Function PowerBank and Kestrel ® Log Periodic (KLP) TM Omni-Directional and Directional High Gain | Wideband Antenna Kit. (Required cables also included).

System is delivered field ready!
A Ruggedized Microsoft Surface Book

Microsoft Surface Book W/ Performance Base

1) Use As A Laptop
2) Remove Keyboard To Use As A Tablet
3) Reverse Keyboard, Attach & Use As Tablet

CASE
ASSEMBLED SYSTEM

Signal Hound Attached To Ruggedized Notebook For Collection Mobility

System Is Pre-Fabricated With Industrial Strength Velcro Strips To Secure Signal Hound To The Ruggedized Notebook During Collections.

Assembly:

1. Attach Signal Hound To Notebook
2. Attach Antenna Cable to Signal Hound
3. Connect Cables
4. Turn On Notebook
5. Initiate Kestrel Software & Set Collection Preferences

The System Is Lightweight And Can Be Easily Hand Held During Signal Collections.
SYSTEM VERSATILITY

Use In Laptop or Tablet Mode

Laptop Mode

Tablet Mode(s)
Remove display, reverse and reattach to keyboard.
Partially Open To Create Standing Tablet

While In Tablet Mode (With Keyboard Attached & Folded In/Under), Partially Open The Notepad While In Standing Position (Or Fold Flat). Use Surface Pen (Provided) To Operate Computer & Kestrel Software.
The Kestrel Log Periodic (KLP) TM offers an exceptional Design Frequency Range (DFR) of 680 MHz to 6 GHz, which translates into a real-world (Rx only), Near-Field Characterization (NFC) or TSCM operational capability well below 10 MHz, and greater than 10 GHz, making it ideal for both indoor and outdoor, Radio Direction-Finding (RDF) applications, by minimizing the complexities of RF reflections and the effects of multi-path anomalies associated with strong Near-Field (NF) signal events.

KIT INCLUDES:

- One Log-Periodic Antenna (LPA) TM | 1 Meter Quad Shielded RF Cable | Terminated 50 Ohm SMA (M)
- One Kestrel Vision Antenna (KVA) TM | Omni-Directional (5dBi) | Terminated 50 Ohm SMA (M)
- One Quick Connect Mechanism (QCM) TM
- One SMA (M) to SMA (M) Quad Shielded RF Extension Cable
- One SMA (F) to SMA (F) RF Adapter
- One Technical Operator Set-up and Operation Manual
- One Soft Storage Pouch
FEATURES:

- Fast and efficient charging - it can charge up to 3-USB devices at once, as well as a laptop.

- Portable A/C power bank - has powerful 24000 milliamps/hour charging capacity to quickly charge all devices.

- High-end power bank - the first laptop power bank, with customized universal charging adapter and A/C output.

- Compact size - its small size (7.3 x 5.1 x 1.2) makes it ideal for portability and it weighs a mere 624 g, so it can easily be carried or stashed somewhere.

- Safe charging - constructed with premium materials, the unit has electronic overload protection, low battery voltage shutdown, and temperature protection. ROHS, CE & FCC Certified, made of Heat-Resistant ABS, built in high-quality PVC Copper wire, Premium Circuitry with over-heated, over-charging protection and short circuits. More security features electronic overload protection, Low-battery voltage shutdown, Standby time off, Charging timing/temperature protection and more.
Microsoft Surface Book With Performance Base

Software
Windows 10 Pro • Office 365 30-day trial

Exterior
Casing: Magnesium • Color: Silver • Physical buttons: Volume, Power. (Supplied in ruggedized configuration to meet MIL STD 810G-516.6 Drop Test.)

Dimensions
Laptop: 9.14 x 12.30 x 0.51-0.90 in (232.1 x 312.3 x 13-22.8 mm)

Clipboard: 8.67 x 12.30 x 0.30 in (220.2 x 312.3 x 7.7 mm)

Weight
3.63 pounds (1647 grams)

Storage
Solid-state drive (SSD) options: 1TB

Display
Screen: 13.5" Pixel Sense display • Resolution: 3000 x 2000 (267 PPI) • Aspect ratio: 3:2 • Touch: 10 point multi-touch

Battery Life
Up to 16 hours of video playback, Up to 2.0 hours of battery running Kestrel TSCM Pro, recharge capability w/external battery power bank.

Processor
6th Gen Intel Core i7

Graphics
i7: NVIDIA GeForce GTX 965M 2GB GDDR5 memory

Security
TPM chip for enterprise security
Memory
16GB RAM

Wireless
802.11ac Wi-Fi wireless networking; IEEE 802.11a/b/g/n compatible. Bluetooth 4.0 wireless technology

Ports
Two full-size USB 3.0
Full-size SD card reader
Surface Connect
Headset jack
Mini Display Port

Cameras, video and audio
Windows Hello face sign-in camera (front-facing)
5.0MP front-facing camera with 1080p HD video
8.0MP rear-facing autofocus camera with 1080p HD video
Stereo microphones
Stereo speakers with Dolby audio Audio Premium

Sensors
Ambient light sensor • Accelerometer • Gyroscope • Magnetometer

Warranty
1-year Limited Manufacturer’s Warranty

Includes: Surface Book, Surface Pen, Power Supply, Quick Start Guide and Safety & Warranty Documents.
To order the Kestrel Surface RF Locator Kit, please request a quote via email to lml@comsecllc.com

Include the following information in your request:
1) The order quantity.
2) Required delivery date.
3) Company/Agency name and address.
4) Point of contact’s name, email address and phone number.

If you have any questions, please call (800) 615-0392.