

FinderPlus™

*The Complete Commercial Off-The-Shelf
Wideband ESM System.*



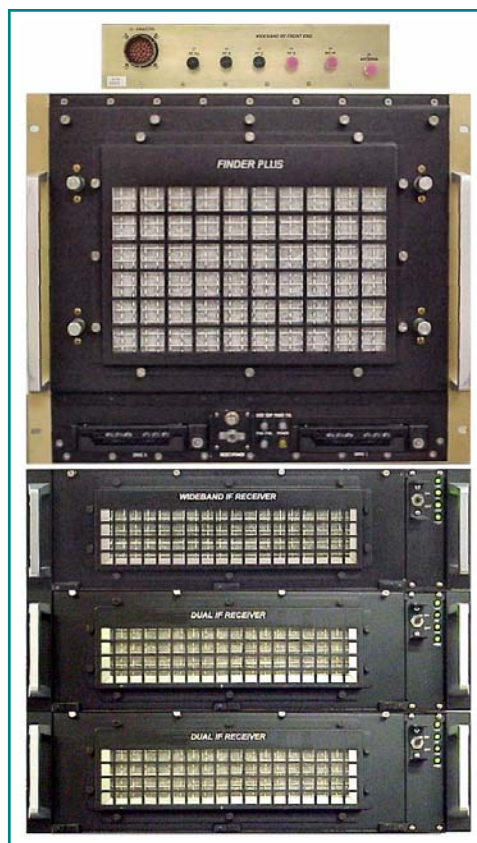
The Aeronix **FinderPlus** is a flight ready Microwave/RF detection and analysis system offering superior detection capabilities.

In contrast to most systems which sweep the spectrum, the **FinderPlus** uses a broadband technology that provides virtually **100% probability of detection**.

At **70 pounds lighter** than its predecessor, the **FinderPlus** has full Finder capability, runs virtually the same software, and requires 17" less rack space. The **FinderPlus** also consumes 90 watts less power than previous systems.

The **FinderPlus** comes with 16 channels installed. Nine are dedicated to included services, leaving seven additional channels available for expansion or redundancy.

Powered by dual workstation CPUs, the **FinderPlus** easily performs in extremely high density environments.



FinderPlus™ SPECIFICATIONS

	Server/ Receiver	Dual 160 MHz IF Receiver (each)	1 GHz IF Receiver	RF Front End
Width (in.)	17	17	17	11
Height (in.)	15.75	5.25	5.25	2.7
Length (in.)	22	18	18	11
Weight (lb.)	<120	<28	<35	<10
Power (W)	<400	<65	<55	--



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Interfaces:

- Standard GPS/Antenna P(Y) (external GPS optional)
- AC Power (110 VAC, 50-440 Hz)

Input Signals:

- RF Input: 2 GHz to 18 GHz—4 Channels
- IF Input: 5 Channels
- 7 Spare RF or IF Channels

Output Signals:

- Antenna Selection Control
- Digital Pulse Data Packets (Titan Finder Format)
- Receiver Tuning
- 1553
- ARINC
- RS-232 Serial
- 1 PPS
- Video/Audio Out For Each Receiver Channel
- Auxiliary Wideband RF Out

Environmental:

Tested in accordance with MIL-STD-810E to meet requirements for:

- Operating Temperature (0°C to 50°C)
- Humidity
- Storage Temperature (-40°C to 85°C)*
- Vibration

Features:

- Sensitivity to -72 dBm
- Includes dual disk drives for operation and/or data archiving
- Extensive Built-In-Test Capability
- Installation and configuration assistance are available
- Operational and Maintenance training are available at our facility or yours

Typical Configuration:

- 1 Server/Receiver
- 1 1GHz Wideband IF Receiver
- 1 RF Front End
- 2 Dual 160MHz IF Receivers
- 1 Omni Antenna

FinderPlus™

- **Faster**
- **Smaller**
- **Lighter**
- **Power Efficient**
- **12 Month Warranty**