:B Bluesoft Inc.

DATA SHEET

AeroScout^{TM} Tag

The AeroScout^{TM} Tag enables the location of mobile equipment and people in Wi-Fi environments

AeroScout^{TM} System Overview

The AeroScout Tag is a component of the AeroScout Wireless LAN Location System, which adds accurate location capability to Wi-Fi wireless networks. AeroScout Tags extend the platform to locate equipment that is not Wi-Fi enabled. The AeroScout architecture stands out in several ways:

- **Locates tagged non-Wi-Fi assets.** Small, battery-powered AeroScout Tags can be attached to a variety of equipment, such as medical devices, shipping containers and shopping carts.
- **No modifications to Wi-Fi mobile unit hardware or software.** AeroScout works with standard laptops, PDAs, barcode scanners and other wireless devices. This eliminates a major management challenge and enables simple implementation in public environments.
- **No dedicated backbone network.** All communications between Location Receivers and the AeroScout Location Server use standard Ethernet connections, and AeroScout achieves accurate measurement synchronization without the use of a dedicated backbone network.
- **Open development platform.** The AeroScout System includes a set of tools for designing, testing and implementing enterprise-class location-based applications.

Key benefits

Flexible asset and people location capability
The AeroScout Tag uses wireless-network infrastructure to locate assets otherwise not connected to a wireless network, including equipment such as vehicles, toolsets, airport baggage trolleys and shopping carts as well as people who need to be quickly located.

Long battery life
A powerful, replaceable battery provides up to 5 years of battery life. The AeroScout Tag notifies Bluesoft's Location Server when its battery is low, enabling efficient replacement and minimizing down time.

Rugged performance
AeroScout Tags are designed to operate in challenging work environments, including manufacturing and outdoor areas. The tag enclosure is water-resistant and designed to withstand significant physical shocks and drops.

AeroScout^{TM} Tag

Key Benefits (cont.)

Compatibility and non-interference

The AeroScout Tag is 802.11 compatible. The tag's "smart" transmission techniques avoid interference with Wi-Fi networks. The use of the unlicensed 2.4GHz frequency band at low power levels ensures no interference with other wireless equipment, making AeroScout tags safe for use with such sensitive equipment as medical devices in a hospital.

Ease of use

AeroScout Tags can be mounted directly on assets using adhesive tape or Velcro. A mounting plate is also available for secure mounting using screws or straps, depending on the asset. The tag's small size and weight allows mounting even on very small assets.

AeroScout^{TM} Tag Specifications

PERFORMANCE
Typical outdoor range: 200m
Typical indoor range: 60m

PHYSICAL AND MECHANICAL
Standard dimensions: 66mm x 66mm x 28mm
Weight: 85g (3oz)
Mounting options include adhesive tape or Velcro and a mounting kit for mounting with screws or straps

RADIO
Transmission power: configurable from 0 to +17dBm, 1 to 50mW
"Smart" transmission feature avoids interference with wireless networks

PROGRAMMABILITY
Transmission interval programmable between 0.25 second and 8 hours
Transmit mode, channel and power level programmable on-site

ENVIRONMENTAL SPECIFICATIONS
Temperature: -30°C to +65°C (-22°F to 149°F)
Humidity: 0 to 95%, non-condensing
Housing is water and dust resistant and includes a rubber lining

ELECTRICAL
3.6V Lithium AA battery (replaceable)
Typical battery life: up to 5 years (dependent on transmission rate)

COMPLIANCE
Fully compliant with Wi-Fi (IEEE 802.11b/g) wireless networks

CERTIFICATION
Radio: FCC Part 15 class B, ETSI 300-328
Safety: UL60950, CE certified

WARRANTY
One year limited warranty (not including battery)

Ordering Information

For ordering and pricing information contact Bluesoft at info@bluesoft-inc.com and refer to the AeroScout Tag (BWH2000).

Technical Support

Contact Bluesoft for support at support@bluesoft-inc.com or at +972 (8) 9363136, extension 116. Additional technical support can be acquired by purchasing one of our fee-based support options.

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