



Intrinsically Safe Rugged Mobile Device



The new Intrinsically Safe **Airo A25is** mobile device combines Voice, Built-in GPS, Push-To-Talk, Web and Enterprise Data telematics, along with Intrinsically Safe certification UL913, in a single ruggedized handset.

Built on the same platform as the highly successful A25 and specifically designed to provide non-incendive, intrinsic safety for ex-hazardous environments, the **A25is** can replace vehicle telematics, enterprise data devices, laptops with air cards, and extra cell phones at a much lower cost. It provides cell phone and Push-to-Talk (PTT) capability, is equipped with super-accurate GPS, runs on a Windows Mobile platform and accesses unique and powerful business-critical functions.

The **A25is** improves ROI by reducing equipment purchases and absorbing functionality of a variety of other equipment into a single convenient handheld unit that operates in potentially explosive environments such as Petroleum, Chemicals, Fertilizer, Coal, Propane, Fuel Distribution, Refineries, Paint Processing, Granaries, Mining, Alcohol Processing, Oil Platforms, Natural Gas, and Solvents.

Now, your Global workforce has a single device supporting cutting-edge mobile technology.



Airo Wireless, Inc.,

US/CAN: 3495 Piedmont Rd, Building 12, Suite 205, Atlanta, GA 30305 USA +1 404 526 9700
info@airowireless.com <http://www.airowireless.com>

EMEA: Portland House, Bressenden Place, London SW1E 5RS UK +44 (0)20 787 10 543
enquiries@airowireless.eu <http://www.airowireless.eu>

NETWORKS

Quad Band GSM 850/900/1800/1900,
GPRS & EDGE

SIZE

Super Rugged Monoblock
Dimensions: 142.4 mm x 68 mm x 24.4 mm
Weight: 296 grams

ENVIRONMENTAL

Temperature: -20° C to 50° C
Drop: 1.25m drop to concrete — 26 times
Shock: 20g peak
Vibration: 0.001 g²/Hz at 12.5 Hz, 0.034 g²/Hz
at 20-40 Hz, 0.0000057 g²/Hz at 200 Hz, 1 hr/
axis duration simulating 1,000 miles transport
Water: 26.5 liters of water per 929 cm²
Humidity: 95% for 48 hours
Sand/Dust: No ingress of dust
Certifications: IP 67 and MIL STD 810-F
(Independent testing for Shock, Drops, & Water)
Intrinsically Safe: Certified UL 913 Class 1 Division 1;
ATEX Certification in process.

BATTERY

Standard battery 1590 mAh Li-Ion Polymer

OPERATING SYSTEM

Windows Mobile 6

CPU

Intel® XScale PXA270, 416 MHz
Clock: 416MHz
Instruction Set: ARMv5TE

MEMORY / SD

RAM: 64 MB
Flash: 128 MB
ROM Type: Flash EEPROM
miniSD: Maximum capacity 2GB

DISPLAY

Type: TFT, 16 million colors
Size: 240x320 pixels, 2.8 inches
Resolution: 240x320
Color Depth: 16 bit/pixel

CONTROL PERIPHERALS

Keyboard: QWERTY Touchscreen
Directional Pad
Alpha Numeric Keyboards

DATA

GPRS: Multi-slot Class 12
EDGE: Multi-slot Class 12
Fixed Internal Antenna
Bluetooth: Class 2 v2.0
USB: v2.0
Optional Wireless LAN/Wi-Fi

DEDICATED FUNCTION BUTTONS

Customer defined PTT and Alert software can be supported through the dedicated function buttons

FEATURES AND ACCESSORIES

Speakerphone
Audio jack
Speech recognition
Bluetooth accessory data married w/location/time
Fixed vehicle cradle mount
Standard 2 year warranty,
Optional extended 3 year warranty, Device leasing

STANDARD/OPTIONAL* SOFTWARE

GPS Dashboard application
Integrated GPS tracking and communications*
Mapping client application with group view*
Airo GroupLocate™ and view*
Airo GroupLocate™ and PTT call*
Interface to all device management tools*
Remote upgrades and on-the-fly updaters*
Web-based device management*

NETWORK-INDEPENDENT GPS

< 5 meter accuracy w/ < 1 min TTFF from cold start
Low power consumption per location fix (as low
as 0.0025% of total battery power)
More than 20,000 real-time correlations with
variable-length integration for superior performance
in harsh signal environments
< 1.5 µW standby power
-150 dBm for deep indoor or poor GPS signal areas