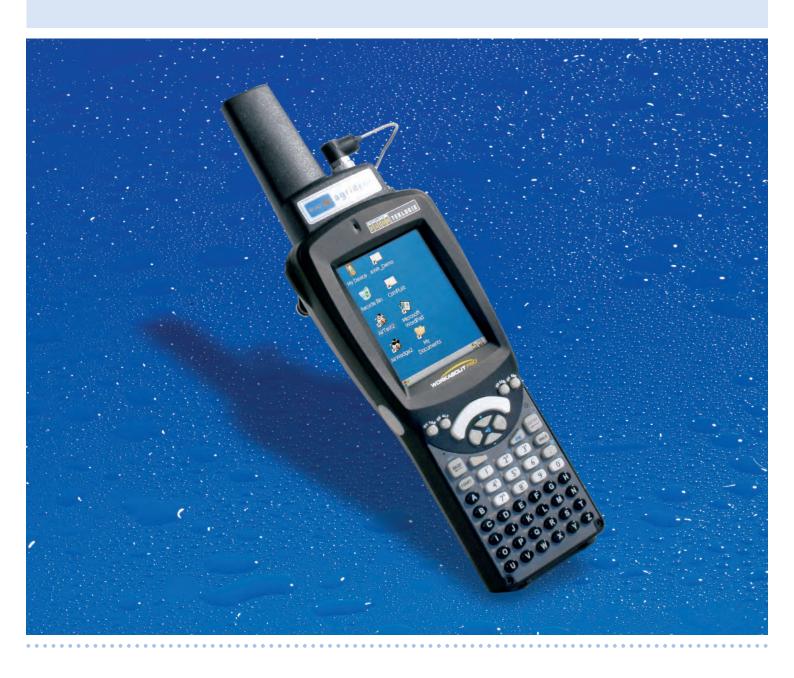# agrident

AIR200 RFID Reader –
The mobile Windows Solution

The ISO reader AIR200 is designed as an integrated reader head for the generation 1 to 3 of the Windows handheld computer WORKABOUT PRO by PSION. The reader combine the reading of ISO 11784/5 transponders with the flexibility and mobility of a ruggedized portable computer based on

Windows CE and Windows Mobile with optional WiFi and Barcode. With the convenient one-hand reading it is the ideal solution for all application that requires many data like at breeding, dairy operation, transport or veterinarian services.

www.agrident.com

Advantages of AIR200

- Designed to easily fit into the WORKABOUT PRO handheld computer Generation 1 to 3 of PSION

- Fully compliant to ISO standard 11784/5 – optional it also reads EM4x02-compatible transponders

- Offers convenient data collection with flexibility and mobility of a rugged portable computer

- Light weight guarantees highest operating comfort

- Comprises a S/W configurable interface to the WORKABOUT PRO

- The configurable interface enables the use of transponder data in Windows CE or Windows Mobile application. A Software Development Kit (SDK) for CF 1.0 and 2.0 is available. Also a Wedge software for simple integration into existing programs.

- Data can be made available in different formats, i.e. ASCII, HEX, etc.

- Wide variety of accessories provided by PSION and AGRIDENT allows the combination of RFID with different features, i.e. Barcode, WIFI, ext. antenna, etc.

- Built-in connector allows use and easy plug-in of an external antenna (AEA series). This makes true distance reading possible.

- Protection class IP 64

Technical Data of AIR200

Frequency	134.2 kHz
Transponder types	HDX and FDX-B compliant to ISO 11784/5 (EM4x02 compatible optional)
Read range	typ. 20 cm with HDX ear transponders (30 mm Ø)
	typ. 17 cm with FDX transponder type (30 mm Ø)
Read cycles	min. 2000 cycles based on battery power provided by WAPRO
Interfaces	WAPRO internal 100 pin connector (*) Plug for external antenna
Power supply	Powered via WORKABOUT PRO's internal power supply
Operating temp	0 to 60°C, 32 to +140° Fahrenheit
Storage temp	-20 to 70°C, -4 to 176° Fahrenheit
Protection level	IP64
Shock	Accidental drops of 1m to polished concrete
Dimensions (LxWxH)	90 x 33 x 127 mm, 3.54 x 1.3 x 50 inches
Weight	Approx. 150 g
Approvals	CE, FCC part 15 class A, Canada Industry Standard, CCIA, JRC

*Special board (AAB100) included in base package to allow 100 pin (WAPRO) to 10 pin (AIR200) connection

Accessories for AIR200

- **AEA080** External stick Antenna (two-hand process)
- **AEA090** External stick Antenna for direct mounting
- **AEA121** External teleskopic Antenna for direct mounting