

APR500 E – The economic and tough Handheld Reader

The APR500 E is the entry level class for portable ruggedized readers. It combines an ISO 11785 RFID reader with programmable Hotkeys for easy data collection. It offers an alphanumeric keypad, a graphical display, a large memory, USB and RS232 in a very robust and ergonomic IP64 housing.

The APR500 E comes with some useful new functions:

- | **SCALE Mode** for the collection of weighing data from major brands of scales
- | **SPEED Mode** for continuous reading and data collection
- | **RACE Mode** for fast race reading in combination with the ASR static readers
- | **TASK Mode** for the easy creation of complex tasks for data collection



AgriRent GmbH
Steinklappenstraße 10
D-30890 Barsinghausen
Phone: +49 (0) 51 05-58 25 73-10
Fax: +49 (0) 51 05-58 25 73-17
E-Mail: mail@agriRent.com
Internet: www.agriRent.com

www.agriRent.com

Advantages of APR500 E

- The APR500 E Reader is compatible to the ISO Standard 11784/85 and reads FDX-B and HDX with a very good reading range.
- Due to the handy design and the pocket size of its robust IP 64 case the reader is very comfortable for long-time operation even under worse conditions.
- The large backlit graphic LCD can display up to 5x20 characters. Various languages are possible. An ergonomic mobile phone style Keyboard with 21 Keys ensures easy and comfortable operation
- For the data communication, the APR500 E has USB and RS232 on board.
- In the **CLASSIC Mode** user-defined action codes and numeric values can be combined with the ID. Visual IDs or farm numbers that can be assigned in the field can be displayed instead of the electronic ID. The two **HOTKEYS** of the APR 500 E can be programmed individually and to run a combination of commands by just by one button.
- In the **TASK Mode** user defined sequences of actions or commands are possible. The Tasks consist of several loops (e.g. at lambing or loading) and lists (e.g. medicines). The design of the Tasks with the TASKTOOL software is very easy.
- In the **SCALE Mode** the APR500 E can collect weighing data from major brand scales via RS232 and save them with the ID.
- The **SPEED Mode** enables continuous reading and fast data collection
- The **RACE Mode** offers a flexible and very economic solution for fast race reading with display and memory in combination with the stationary readers of AgriRent
- For convenient power management the AA Type batteries can be replaced easily by standard cells or with the optional available rechargeable (via USB) NiMH cells.
- The APR500 E can be used with an external stick antenna like the AEA580 or a mountable AMA090 antenna, which allows one-hand operation.

Technical Data of APR500 E

Frequency	134.2 kHz
Transponder types	HDX compatible (ISO 11784/5) FDX-B compatible (ISO 11784/5) Optional H4002 compatible
Reading range	Approx. 25 cm with HDX transponder Ø 30 mm Approx. 20 cm with FDX-B Transponder Ø 30 mm
Interfaces	USB with the APC500 cable or via optional docking station ADS500 RS232 using the APC510 cable Plug for external antenna
Memory	Flash for 5000 data set
Power supply	2 x 1.2 V Batteries Optional Internal charging of NiMH batteries via USB
Protection	IP 64
Temperature range	-20 to 60°C
Dimensions	L x W x H: 175 x 92 x 40 mm
Weight	approx. 350 g
Approvals	CE, FCC, IC and ICAR ISO 24631-2

Accessories for APR500 E

- **AMA060/090**
External Antennas
- **AEA575** External Antenna
- **ACC 500** Car Adaptor
- **ADS500** Docking Station
- **USB** Adaptor