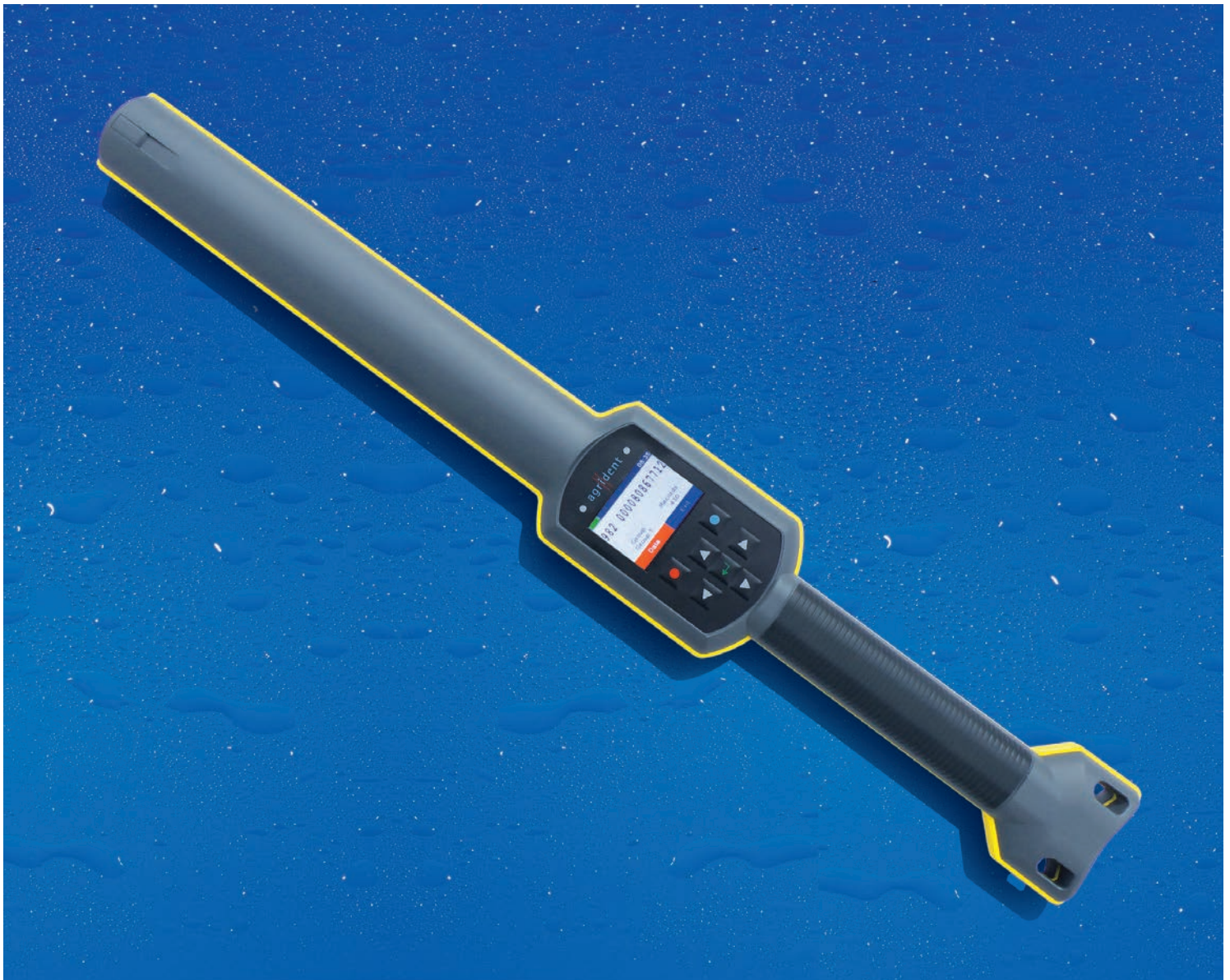# agri|dent

AWL200 Stickreader
Ergonomic | Economic | Easy to use

The new AWL200 from Agrident is the most economic ISO11785 stickreader. It combines all important features in an ergonomic and robust IP 65 housing at a very reasonable cost. With a large colour display and a convenient keyboard it is very easy to use.

The different lights, sounds and vibration give clear signals about the current operation. The AWL200 offers USB and Bluetooth Class1 as standard interfaces. The free AgriLink Software provides easy upload and download of lists and data to the PC.

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Advantages of AWL200

■ It reads all types of HDX and FDX-B transponders, ear tags and bolus compatible to the ISO standard 11784/5.

■ The new energy optimized reader technology in combination with a powerful Li-Ion battery offers a long operation and stand by time.

■ The power consuming permanent read mode for very fast reading, e. g. at loading or unloading of animals can last for about 6 hours. At the normal push and read mode the battery will last for days.

■ The large memory allows the storage of 100.000 tags plus time-stamp and additional data. The memory can be arranged in groups. Built-in real-time clock displays date and time.

■ The USB mass storage mode enables easy access to data without additional drivers.

■ Up to 25 Tasks created by the Agrident Task Software can be loaded into the AWL200 and make data collection at the animal as easy as a touch of a button.

■ Two additional LEDs and vibration provide an easy control of the reading process even in a noisy environment. A loudspeaker allows a wide variation of sounds for different operation.

■ The large backlit Colour Display allows convenient reading of IDs and additional data after scanning.

■ The IP65 casing combines light weight and robustness with an ergonomic design.

■ The AWL200 consist of an integrated USB interface for wired and Class 1 Bluetooth for wireless communication.

■ The AWL200 connects with the Agrident Android App for easy data management on Smartphones and with major brands of scales for the recording of the weight.

■ The free AgriLink Software provided with the AWL200 makes the upload of Link lists (VID, Alarm) and the Download of the collected data very easy. AgriLink can save the data in Excel Format as well.

■ For convenient power management the AWL200 can be recharged at any USB Power supply.

Technical Data of AWL200

Frequency	134.2 kHz
Transponder types	HDX and FDX-B compliant according to ISO11784/11785, EM4002 optional
Read range	25 cm with HDX transponders (30 mm Ø) and FDX-B transponders (30 mm Ø)
Synchronization	Wireless Synchronization allows the operation with other readers in close vicinity according to ISO24631-2
Interfaces	USB (Virtual Comport or Mass Storage Device) Bluetooth 4.0 - Class 1 Android and Windows 8 compatible
Power supply	3.6 V Li-Ion battery with 2.600 mAh capacity, Recharge with any external USB power supply (Full charge 3h at 1000 mA),
Display	2.4 inch TFT colour (65K colours) Adjustable backlight
Keypad	7 keys, directional pad with "OK" button in the middle and two additional soft keys below the display
Signals	2 Status LEDs above the display (one RGB and one blue), Audio Speaker
Operating Temp.	-20° to 60°C, -4° to 140° Fahrenheit
Storage Temp.	-20° to 80°C, –4° to 175° Fahrenheit
Charging Temp.	0° to 45°C, 32° to 113° Fahrenheit
Protection Level	IP65
Dimensions	L x W x H: 650 x 85 x 42 mm
Weight	Approx. 650 g