Description

The AT-01003 is a handheld full-standard low-frequency (LF) and Ultra High Frequency (UHF) tag reader for Global Livestock Electronic Identification Tags according to ISO 11784/11785, USDA Interim, ISO6881 international standards and legacy Scottish formats.

Technical Parameters

Operating Frequency	134.2Khz (LF) & 860-960 (UHF)
Label Format	ISO 11784/11785 standard FDX-B, FDX-A, HDX and other low-frequency RFID tags commonly used in Animal Ear Tags. Reads UHF RFID ear tags, USDA interim standard, ISO 6881 & Legacy Scottish standards.
Full Standard Reading Distance	HDX 27mm Ear tags = max 50 cm (60 cm in HDX only reading option in menu) FDX-B 27mm Ear tags = max 35cm FDX-B 2x12mm Glass tube = max 20cm UHF Tag ~40mm x 60mm = > 100 cm
Read Time	<1s
Display Screen	Colour screen 2.8 cm x 2.8 cm
Signal Indication	Buzzer (settable – On/OFF)
Electricity	Built in 7.4V @ 2600mA lithium battery
Consumption	Maximum operating current ： 1A (Max)

Storage Capacity	100,000 pieces of information(Time + Tag encoding)
Communication Interfaces	USB + Bluetooth 4.0 wireless communication (HID/BLE/SPP)
Standby Time	When the device is on and unused it will power down to extend battery life.
Language	English/Chinese (can be adjusted according to customer requirements)
Weight	495g (with integral battery)
Length	69.5 cm (end to end)
Protection/Resistance	IP65-67 Waterproof/free-fall ground 1.5 meters high
Operating temperature	-20～80℃
Authentication (in progress)	CE, FCC, RoHS