Biomark

SPECIALISTS IN ELECTRONIC IDENTIFICATION

HPR plus

HPR Plus™ Handheld Reader

The HPR PLUS™ (Reader) is a handheld 134.2 kHz radio frequency identification (RFID) tag reader intended for use with animal tags. The HPR Plus reader has been designed specifically for use in fish and wildlife research applications. Consequently, it is the most capable and versatile reader available today for this purpose. The HPR Plus reader is well suited to handheld field and bench top use, but also contains additional features to facilitate standalone remote monitoring applications.

THE READER FEATURES

- Rugged drop resistant and IP67 waterproof housing
- Memory for storage of over 1 million tag reads
- High-performance ISO 11784/11785 HDX/FDX-B 134.2 kHz RFID reader with continuous automatic antenna tuning
- Internal high-capacity lithium battery pack
- 4.3" High resolution color TFT LCD display
- 454MHz ARM9 core CPU
- Class 2 Bluetooth interface
- GPS synchronized clock
- "Geotagging" of RFID tag reads
- USB 2.0 On-The-Go (OTG) interface for PC or memory stick connection
- Dual purpose hand strap and belt loop
- Sophisticated data logging and diagnostic features
- Detachable antenna
- Wide range DC power input for use in remote monitoring applications and easier field recharging
- Simple upgrading of Reader software via a USB memory stick
- Remote control of the Reader via Bluetooth, USB, or USB RS232 adapter
- Micro USB wired communication/charging

Optional custom hard protective case.

Specifications ››	Description ››
Operating Frequencies	134.2 kHz
Tags Detection	FDX-B, HDX, FDX-B Fastag, FDX-B BioTherm13
Antenna Design	Attached with cable
Antenna Power Adjustable	Yes
External Power Options	12V DC, AC
Internal Battery Type	LiFePO4 Li-ion (Rechargeable)
Tag ID Memory	1.6 million IDs
Date & Time Stamp Option	Yes
Communication Options	USB, Bluetooth, USB Flash Drive
GPS Capable	Yes
Automatic Power Shut-off	Programmable
Continuous Operation Capability	Programmable
Display Type	24-bit color, 5.5 cm x 9.5 cm LCD
Display Backlight	Yes
Operating Temperature Range	-20°C – 70°C
Storage Temperature Range	-20°C – 70°C
Waterproof	Yes (IP67)
Shockproof	Yes
Dimensions	23 cm x 15 cm x 7.5 cm
Weight	2 kg (4.4 lbs.) with antenna
Regulatory Compliance	ISO 11784 & 11785, FCC, IC

www.biomark.com

customerservice@biomark.com

P 208-275-0011
F 208-275-0031

**705 S. 8th Street
Boise, ID 83702**