

# HPR Lite

## HANDHELD READER



**Biomark**

The **HPR Lite™** reader is a portable handheld radio frequency identification (RFID) PIT tag reader for intended use with animal tags. The HPR Lite reader has been designed specifically for use in fish and wildlife research applications.

### THE READER FEATURES

- Rugged drop resistant and waterproof housing
- Wide tag detection capabilities which include: ISO 11784/11785 compliant FDX-B and HDX, FDX-B Fastag, FDX-B BioThermo temperature sensing, FDX-A (FECAVA), Avid Encrypted, Trovan and Unique Manchester coded tags
- Memory for storage of over 50,000 tag IDs, each with a corresponding date/time stamp and temperature (if used with FDX-B BioThermo temperature sensing tags)
- Internal 7.2V lithium ion rechargeable battery pack
- Backlit LCD high-contrast 38 mm x 38 mm screen
- Visual, audible and vibrating indication of a tag detection
- Bluetooth wireless communication
- Micro USB wired communication/charging



*Rugged  
drop resistant  
and waterproof  
housing*

Specifications	Description
Tags Detection	FDX-B, HDX, FDX-B Fastag, FDX-B BioThermo, FDX-A, Avid Encrypted, Trovan, Unique (Manchester Encoded)
Antenna Design	Internal
Antenna Power Adjustable	Yes
External Power Options	5V DC, AC
Internal Battery Type	Li-ion (Rechargeable)
Tag ID Memory	50,000 IDs
Date & Time Stamp Option	Yes
Communication Options	USB, Bluetooth, USB Flash Drive
GPS Capable	No
Automatic Power Shut-off	Programmable
Continuous Operation Capability	No
Display Type	FSTN B&W, 3.8 cm x 3.8 cm LCD
Display Backlight	Yes
Operating Temperature Range	-20°C — 60°C
Storage Temperature Range	-20°C — 60°C
Waterproof	Yes (IP67)
Shockproof	Yes (per EN 60068-2)
Dimensions	31 cm x 12.4 cm x 4 cm (12.2 in x 4.9 in x 1.6 in)
Weight	450 g (0.99 lbs)
Regulatory Compliance	ISO 11784 & 11785, FCC, IC



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