

HPR **plus** HANDHELD READER



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The **HPR Plus™** reader is a hand-held battery powered EID transponder reading device that is compatible with the technical specifications of ISO Standards 11784 and 11785, including FDX-B and HDX technologies.



CONSTRUCTION

The Reader and provided racket are designed to be easily held and operated, convenient to position in the vicinity of the transponder being scanned, and

extremely resilient to the types of physical abuse to which portable field equipment is frequently exposed. The

Reader and racket

can both withstand submersion in water up to 1m deep for up to 1 hr and are shock resistant for a drop up to 1 m onto a concrete surface.

ACCESSORIES INCLUDED

Carrying Case, International Power Supply/Battery Charger (100-240V; 47-63Hz), Racket Antenna, 2-m Antenna Cable, USB-Flashdrive & USB-PC, Test Tag, User Manual, Desk Stand, Hand Strap.

ADDITIONAL OPTIONAL ACCESSORIES

DC Power Cable, Biomark Tag Manager Software, Custom protective case



*Rugged
drop resistant
and waterproof
housing*

Specifications	Description
RFID Compatibility	ISO 11784 & 11785 FDX-B and HDX
Form Factor	Portable Enclosure
User Interface	"On/OK" Activation Button, 4 Toggle Menu Navigation/Option Select Buttons, "Back" and "Exit" Buttons, 11cm 24 bit Color Screen, Audible Beeper & Blue LED "Read" Indicators, Orange and Green LED Power Indicators
Tag Format	Hexadecimal or Decimal
Clock/Calendar	HH:MM:SS (24 hr format); DMY/MDY/ISO 8601
Data Port	USB (Serial Emulator drivers required)
Memory	1.6M tag codes w/date-time stamp
Internal Battery Power	Internal LiFePO4 Re-chargeable, accepts 11-30V DC
AC Power Supply	100-240V; 47-63Hz, 4-5hrs to charge flat battery
Agency Certifications	FCC Part 15 & Canadian ICES-003
Dimensions	37cm L x 22.5cm W x 8.5cm H
Weight	2kg with Antenna
Material	Thermoplastic Polyurethane
Operating Temperature Range	-20°C — 70°C
Storage Temperature Range	-20°C — 70°C
Waterproof	Can withstand submersion from 0.15m to 1m for 1 hr
Shockproof	Can withstand 1m drop onto concrete floor
Read Distance	FDX-B (ISO) 12.5mm Glass Implantable: 32.4cm /12.75" HDX (ISO) 12mm Glass Implantable: 29.2cm/11.5" HDX (ISO) 23mm Glass Implantable: 43.8cm/17.25"
Reading Orientation	0° to 45° with less that 10% range decrease
Read Error Rate	Less than 1 in 106
Read Cycles/Battery	2,000/3-12hr Battery charge depending on read model



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