The **Biomark® BPR 3001 Reader** is a portable RFID PIT Tag reader compatible with the technical specifications of ISO Standards 11784 and 11785 FDX-B and HDX technologies.

Available to meet your specific application needs.

FEATURES

- High-performance 134.2 kHz portable RFID reader with continuous scan mode and automatic antenna tuning
- Tag detection capabilities include ISO 11784/11785 compliant FDX-B and HDX, FDX-B Fastag, & FDX-B BioTherm temperature sensing tags
- Internal memory storage capacity of 1 million tag IDs
- Visual and audible indication of tag detections
- Sophisticated data logging and diagnostic features
- Rugged, drop-resistant & IP67 water resistant housing
- Internal high-capacity lithium-ion battery pack
- 4.3" backlit high-resolution color TFT LCD display

- GPS synchronized internal clock
- Geotagging of RFID tag detections
- BT connectivity v4.2 compliant dual mode BR/EDR and BLE interface
- USB Type C interface with PD support
- Field-upgradable reader firmware via USB port
- Detachable external antenna
- Built-in dual-angle desk stand
- Dual-purpose hand strap and belt loop

APPLICATIONS
- Small scale monitoring
- Mass marking
- Aquatic & terrestrial uses

SPECIFICATIONS

RFID Compatibility	ISO 11784 & 11785 FDX-B and HDX
Display	4.3" 24 bit Color Screen
Tag Format	Hexadecimal, Decimal or Numeric
Memory	1 million tag IDs with date and time stamp, GPS coordinates (if enabled), temperature (if applicable)
Internal Battery Power	Lithium Ion Battery 14.4V/48Wh
AC Power Supply	Input: 100-240 V AC, 50-60 Hz, 1.5 A Output: USB-C Power Delivery, 5-20 V DC, 60 W
Battery Charge Time	3.5 hrs
Battery Runtime (Minimum battery power consumption)[1]	22-24 hrs
Battery Runtime (Maximum battery power consumption)[2]	4-6 hrs
Battery Runtime (Optimal battery power consumption)[3]	8-10 hrs
Charging Temperature Range	+32°F to +95°F (0°C to +35°C)
Operating Temperature Range	-4°F to +122°F (-20°C to +50°C)
Storage Temperature Range	-4°F to +140°F (-20°C to +60°C)
Operating Humidity	Up to 93% non-condensing
Ingress Protection (IP)	IP67 rated

Prop. 65 Warning for California Residents

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

[1] Minimum Battery Power Consumption - Reading time at the lowest Exciter Power Output Level (20%) with screen auto-dim enabled.

[2] Maximum Battery Power Consumption - Reading time at the highest Exciter Power Output Level (100%) with screen auto-dim disabled and LCD brightness at 100%.

[3] Optimal Battery Power Consumption - Reading time at the default Exciter Power Output Level (60%) with screen auto-dim enabled.

LEARN MORE ABOUT OUR OTHER HANDHELD READERS
biomark.com/rfid-pit-tag-readers/

MERCK Animal Health