iBR9000

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The Smallest iButton Reader with Web-based Software

The iBR9000 iButton reader (iBR-9000) may be the smallest iButton reader Videx manufacturers, but it doesn't fall short on durability or features. The iBR9000 is a compact, pocket-sized iButton reader, ideal for use in any checkpoint application where you need to prove who was there, and when they were there.

The fiberglass-reinforced nylon case and stainless-steel read head make the iBR9000 extremely durable. The case protects the electronics against damage and secures the collected data. The iBR9000 can be used for a wide variety of applications such as security and maintenance checks, transportation, production, and inventory.

Memory

The iBR9000 stores over 9200 iButton ID reads with a date and time stamp provided by its real-time internal clock.

Battery

The CR2 3-volt lithium battery provides up to one year of uninterrupted performance. Data is stored in non-volatile RAM, so there is no risk of losing data when changing the battery.

Touch Memory iButtons

The iBR9000 collects data from iButtons which can be mounted on almost any object including containers, pallets, bags, walls, and equipment. iButtons are stainless-steel tags that are highly resistant to environmental hazards such as dirt, moisture, and shock. The compact, coin-shaped iButton is self-aligning with the iBR9000, allowing for quick, easy reads. With one touch, the iBR9000 reads the iButton ID.

Downloading

Transferring this stored data is easy: iBR9000 makes an infrared connection directly to the IR Encoder, a USB-to-infrared dongle providing a wireless interface between the iBR9000 and any desktop, laptop, or notebook computer.

Specifications

iBR9000 (iBR-9000)

Physical	High-impact fiberglass-reinforced nylon case; stainless-steel read head
Weight	1.75 ounces (50 g)
Dimensions	2.7" x 1.67" x 0.85" (68.6 x 42.4 x 21.6 mm)
Memory	64KB non-volatile; data is retained when battery is removed
Storage Capacity	9200 iButton ID reads
Battery	3-volt lithium CR2
Battery Life	Up to 75,000 continuous reads or 1 year idle
Clock	Real-time with capacity to operate up to 1 minute after battery disconnected
Communications	Infrared (IrDA); via a Videx IR Encoder
Transfer Rate	Full memory will transfer in approximately 26 seconds
Data Output	Optional delimited ASCII or TouchProbe format text file
Visual	Flash for good read
Audio	Chirps while communicating and double beeps when successful
iButton	Reads ID of DS1990A Maxim iButtons
Storage Temperature	-4° to 140° F (-20° to 60° C)
Operating Temperature	-4° to 140° F (-20° to 60° C)
Humidity	95% noncondensing

IR Encoder (CKB-IR10)

Dimensions	2.28" x 0.80" x 0.43" (57.9mm x 20.3mm x 10.9mm)
Weight	0.26 ounces (7.5g)
Connection	USB
Operating Systems	Windows XP or later
Power	From USB

iButton Specifications

Physical	Memory chip stored inside button-shaped, water-resistant, stainless-steel case
Dimensions	3 mm button: 0.64" D x 0.12" H (16.3 x 3.2 mm), 5 mm button: 0.64" D x 0.23" H (16.3 x 5.9 mm)
Weight	3 mm button: 0.057 ounces (1.6 g), 5 mm button: 0.120 ounces (3.3 g)
Operating Temperature	-40° to 185° F (-40° to 85° C)
Battery	None
Data Storage	Unique 48-bit serial number (read only)

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