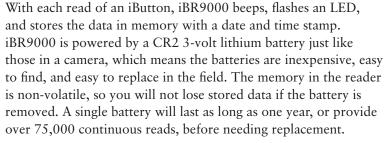# iBR9000™

The iBR9000 is the newest in a family of iButton readers from Videx. Small and lightweight, yet extremely durable, iBR9000 is ideal for use in any checkpoint application where you need to know who was there, and when they were there.

iBR9000 easily fits on a keyring, in a pocket, or on a lanyard. Its light weight and ergonomic design make it easy to hold in the hand and read iButtons—no more heavy readers prone to drops and damage!

The high-impact fiberglass-reinforced nylon case provides exceptional protection to the electronics inside, and the read head is made of stainless steel. This reader easily withstands repeated six-foot drops.

The "9000" part of the name refers to the number of iButton reads the iBR9000 stores in memory between downloads to the computer. Transferring this stored data is easy: iBR9000 makes an infrared connection directly to an infrared port on a laptop, to our USB-to-infrared device called the IR Encoder, or even to a Windows Mobile PDA cell phone in the field.

With each read of an iButton, iBR9000 beeps, flashes an LED, and stores the data in memory with a date and time stamp. iBR9000 is powered by a CR2 3-volt lithium battery just like those in a camera, which means the batteries are inexpensive, easy to find, and easy to replace in the field. The memory in the reader is non-volatile, so you will not lose stored data if the battery is removed. A single battery will last as long as one year, or provide over 75,000 continuous reads, before needing replacement.

Two software solutions are available for iBR9000: a desktop version and a server version. The desktop version runs on a PC or Mac, and is the best option for managing a single system. The server version can be accessed over the internet, and is ideal for managing multiple clients as a service.

Whatever your iButton application—guard tour, inspections, preventive maintenance rounds, route tracking, or field data collection—iBR9000 can do it!

🔍 ⊗ 🖨	Audit Trail	Readers	iButtons	Downloaders	Settings

Button Reader Name	Event Date / Time	iButton Name	Download Date / Time▼	
Joe Wilson	2007-08-20 07:24:48	Gate 7	2007-08-20 14:31:06	
Joe Wilson	2007-08-20 07:24:44	Gate 7	2007-08-20 14:31:06	
Nancy Dole	2007-08-16 15:31:44	Shipping Bay	2007-08-16 15:32:08	
Nancy Dole	2007-08-16 15:31:36	Shipping Bay	2007-08-16 15:32:08	
Bill Howard	2007-08-16 15:30:52	West Gate	2007-08-16 15:31:14	
Bill Howard	2007-08-16 15:30:50	Storage 1	2007-08-16 15:31:14	
Bill Howard	2007-08-16 15:30:46	Front Gate	2007-08-16 15:31:14	
Bill Howard	2007-08-16 15:30:44	Storage 2	2007-08-16 15:31:14	
Nancy Dole	2007-08-16 15:30:10	Mag Lev Transit	2007-08-16 15:30:34	

The iBR9000 software allows you to easily identify your users and cross-reference the button ID's with meaningful data. The Audit Trail shows the data downloaded from the reader, and can be exported for additional reporting.

iBR9000 Specifications

Physical:	High-impact fiberglass-reinforced nylon case; stainless steel read head
Weight:	1.75 ounces (50g)
Dimensions:	2.7" x 1.67" x 0.85" (68.6mm x 42.4mm x 21.6mm)
Memory:	64KByte non-volatile; data is retained when battery is removed
Storage Capacity:	9200 iButton reads
Battery:	3-volt lithium CR2
Battery Life:	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); uses optional Videx IR Encoder or built-in IrDA port on PC, Mac, or PDA cell phone
Transfer Rate:	Full memory will transfer in approximately 26 seconds
Data Output:	Optional delimited ASCII or TouchProbe format text file
iButton:	Reads ID of all Maxim (Dallas Semiconductor) iButtons
Operating Temperature:	-4° to 140° F (-20° to 60° C)
Humidity:	95% noncondensing

IR Encoder Specifications

Dimensions:	2.28" x 0.80" x 0.43" (57.9mm x 20.3mm x 10.9mm)
Weight:	0.30 ounces (8.6g)
Connection:	USB
Operating Systems:	Works with Windows XP or Vista, Mac OS 10.4 (Intel only)
Power:	From USB

iButton Specifications

Physical:	Memory chip stored inside button-shaped, water-resistant, stainless steel case
Dimensions:	3mm button: 0.64" diameter x 0.12" height (16.3 x 3.2mm)
	5mm button: 0.64" diameter x 0.23" height (16.3 x 5.9mm)
	mounting flange: 0.68" diameter (17.3mm)
Weight:	3mm button: 0.057 ounces (1.6g)
	5mm button: 0.120 ounces (3.3g)
Operating Temperature:	-40° to 185° F (-40° to 85° C)
Battery:	None
Data Storage:	Unique 48-bit serial number (read only)