



## BioTouch® 200 Fingerprint Reader

### Optical Fingerprint Sensor Technology

When it comes to proof of identity, it is hard to beat the fingerprint. Fingerprints are individually unique and are always with you. Unlike passwords and tokens, they cannot be forgotten, stolen or lost. And when it comes to scanning fingerprints, it is hard to beat optical systems. They are fast, accurate and low in cost and do not have the susceptibility of capacitive sensors to electrostatic discharge (ESD).

The BioTouch® 200 USB reader is an optical system that secures personal computers and networks against unwarranted access. With the simple touch of a finger, it reads the physical attributes of the fingerprint to authenticate the identity of the person seeking access. Using Identix® BioLogon® software and the BioTouch 200 USB, you can easily control access to your desktop or laptop.

#### **OPTICS TECHNOLOGY**

Advanced CMOS camera technology with high-quality optics, maintains accuracy even when a finger may be wet, dirty, cut or scarred.

#### **QUALITY ASSURANCE**

Integrated quality control furnishes real-time feedback on such factors as horizontal and vertical alignment, finger rotation, core quality, destroyed ridgelines and pressure.

#### **USER PRIVACY AND SECURITY**

Captures and stores a minutiae point template. Most of the actual fingerprint image is eliminated, reducing the risk of anyone using stored data to replicate a fingerprint.

## Features

- Replaces hard-to-remember passwords with one touch of your finger
- Packaged with BioLogon software for a complete authentication package
- Full-sized fingerprint image capture promotes successful finger placement
- Advanced CMOS camera technology delivers high image quality and reliability
- USB interface allows for plug-and-play operation
- Simplifies the logon process while maintaining security
- Optical sensor provides environmental durability and immunity to ESD

## BioTouch® 200 Fingerprint Reader Specifications

<b>Dimensions</b>	Length - 96 mm, Height - 31 mm, Width - 60 mm, Weight - 150 grams
<b>Fingerprint Sensor</b>	DFR® 200 optical sensor
<b>Image Capture Surface</b>	17 mm x 17 mm
<b>CMOS Camera Resolution</b>	Horizontal: 530 dpi, Vertical: 380 dpi, 360° finger rotation
<b>Interface</b>	USB - 1.83m black cable. Connects directly to PC/laptop or self powered HUB, Data rate up to 12 MBs
<b>Software</b>	Identix BioEngine® and BioLogon® software compatible
<b>Power</b>	Supply voltage - DC 4.4-5.25V via USB port Sleep mode - 8 mA Power consumption - 340 mW: LED on, 120 mW: standby
<b>Other</b>	0 to 55° Celsius (32 to 131° F)
<b>ESD Immunity</b>	8 kV Air discharge - 16 kV, no permanent damage
<b>Agency Approvals</b>	FCC/CE/VCCI/ACA
<b>Light Source</b>	Red LED
<b>System Requirements</b>	Microsoft® Windows NT®, Windows® 2000, Windows XP, and Windows Server 2003 (drivers for 2003 and XP are WHQL certified)
	200 MHz (or higher) Pentium® processor
	32MB RAM (minimum); 64 MB for BioLogon Server
	10 MB hard drive space; 100 MB for BioLogon Server
	USB slot
	CD-ROM drive