



BioTouch® 500 Fingerprint Reader

Secure Access at Your Fingertips

- Provides high performance 500-ppi interoperability for today's demanding identification systems
- Incorporates Enhanced Definition capture through the use of high pixel density CMOS imager for better match results
- Uses a USB2 interface for secure access to computer or network systems
- Purchasable in combination with BioLogon® software for easy implementation

The BioTouch® 500 is a standalone 500-ppi plug-and-play fingerprint reading peripheral that produces a consistent quality image for secure access into network and desktop applications each time, every time.

When coupled with the BioLogon® authentication software, this scanner delivers a complete, biometrically-enabled solution without the need for users to remember passwords or tokens.

ADVANCED IMAGING

Developed with an advanced CMOS imager technology, the BioTouch® 500 provides enhanced definition for better image fidelity and far better match results.

EASY IMPLEMENTATIONS

Identix® Biometric Solutions provides a universal Single Finger Reader SDK to create fingerprint capture applications with ease.

QUALITY ASSURANCE

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

USER PRIVACY AND SECURITY

Captures and stores a minutiae point template to reduce the risk of unauthorized access to protected systems.

BioTouch® 500 Fingerprint Reader Specifications

Dimensions	Length: 96mm; Height: 31mm; Width: 60mm; Weight: 150 grams
Image Capture Field of View	20mm x 25mm
Image Format	Standard - 500 ppi; BTO-200 compatibility - 340 ppi
Frame Rate	6 frames per second at 500 ppi
Grayscale	8-bit, 256 levels
Geometric Distortion	1.5%
Operating Temperature	0-50° Celsius (32 to 131° F)
Relative Humidity	0-90% non-condensing
ESD Immunity	8kV contact; 16kV air discharge, without damage
Interface	USB2; Connects directly to PC/laptop or self powered hub; 6' cable with type-A male connector
Software	Identix BioEngine and BioLogon software compatible
Power	Voltage: DC 4.4 to 5.25V from USB port Power Consumption (at 5.0 volts); 1.12 W with LEDs on; 120mW in standby
Other	FCC, CE, RoHS and PIV compliance
Warranty	90-day spare-in-the-air program
Certifications	FCC Part 15 Subpart B, RoHS compliant and CE

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