

# EikonTouch<sup>®</sup> 710 Reader

FIPS 201 PIV Certified Silicon USB Fingerprint Reader



## APPLICATIONS

- Desktop PC security
- Mobile PC security
- Custom applications

## FEATURES

- FIPS 201 PIV certified
- Small form factor
- Works well with dry, moist or rough fingerprints
- High quality fingerprint image
- Multiple cable lengths and connectors

## PRODUCT DESCRIPTION

The EikonTouch 710 capacitive fingerprint reader provides quick and reliable biometric authentication. The only touch silicon FIPS 201 PIV certified single fingerprint reader, the EikonTouch 710 utilizes our patented technology to capture fine print details. The result is the ability to capture a wide range of fingerprints with superior image quality for a broad range of use cases.

Our Digital ID Hardware Engine companion processor enables match-on-device and OTP generation in secure, dedicated hardware.

Designed for use with Crossmatch software, the EikonTouch is also available with a Software Development Kit that provides flexible APIs to enable fast integration with a broad range of applications. Available in multiple cable lengths and connector configurations to meet your use case requirements.

Whether you are an enterprise customer or a system integrator, our biometric identity verification solutions provide a natural extension to your security system and applications.

## ABOUT CROSSMATCH

Crossmatch solutions solve security and identity management challenges for hundreds of millions of users around the world. Our proven DigitalPersona<sup>®</sup> Composite Authentication solution is designed to provide the optimal set of authentication factors to meet today's unique risk requirements and afford complete enterprise authentication coverage. Crossmatch identity management solutions include trusted biometric identity management hardware and software that deliver the highest quality and performance required for critical applications. Our solutions support the financial, retail, commercial, government, law enforcement and military markets. With 300 employees and customers in more than 80 countries, Crossmatch sets the standard for innovation and reliability.

Learn more at [www.crossmatch.com](http://www.crossmatch.com)

# EikonTouch 710 Reader

FIPS 201 PIV Certified Silicon USB Fingerprint Reader



## COMPACT FORM FACTOR

Fingerprint Sensor	TCS1C (touch)
Package Size (mm)	84 x 33.8 x 14.3
Scanned Finger Area (mm)	12.8 x 18
Pixel Array Size (pixels)	256 x 360
Weight (g)	74
Cable Length (cm)	50 or 182.88

## HIGH PERFORMANCE

Acquisition Speed	5.5 frames/sec
Image Resolution	508 dpi
Grayscale Image Depth	8-bit (256 levels)
Interface	USB 2.0 full speed (Type A) or Micro USB (Type B)

## SECURE

USB Data Encryption	AES-56 (no export restriction) AES-128 (export restrictions)
On-board Data Storage	256 bytes for private data (optional)

## RUGGEDIZED

ESD Protection	IEC 61000-4-2 level 4: 15kV air, 8kV contact
Ingress Protection	IP 63 for moisture and dust protection
Operating Temperature	0° to + 40° C
Protective Coating	> 2 million touches
Humidity	5% to 93% RH @ 30° C
Certification	CE/FCC/USB2.0/WHQL

## EFFICIENT POWER MANAGEMENT

Power Imaging	~ 120 mA @ 5V
Power Standby	~ 1 mA @ 5V

## INTEGRATION EASE

OS Support	U.are.U SDK for Windows®, U.are.U SDK for Linux® and U.are.U SDK for Android®
Development Kit Options	EikonTouch Reader Developer Kit



### Corporate Headquarters:

**Crossmatch**  
3950 RCA Boulevard, Suite 5001  
Palm Beach Gardens, FL 33410 USA

[www.crossmatch.com](http://www.crossmatch.com)