HID®

EikonTouch® 710 Reader

FIPS 201 PIV CERTIFIED SILICON USB FINGERPRINT READER

The EikonTouch® 710 capacitive fingerprint reader provides quick and reliable biometric authentication. As the only touch silicon FIPS 201 PIV certified single fingerprint reader on the market, the EikonTouch 710 utilizes 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 HID software, the EikonTouch is also available with a Software Development Kit from HID Global that provides flexible APIs to enable fast integration with a broad range of applications. Multiple cable lengths and connector configurations are available 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 systems and applications.

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

SPECIFICATIONS

Product Name	EikonTouch® 710 Reader
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
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)
USB Data Encryption	AES-56 (no export restriction)
AES-128 (export restrictions)	Secure battery backed memory with active erase memory zeroization
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
Power Imaging	~ 120 mA @ 5V
Power Standby	~ 1 mA @ 5V
OS Support	SDK for Windows®, SDK for Linux® and SDK for
Development Kit Options	EikonTouch Reader Developer Kit

hidglobal.com

North America: +1 512 776 9000
Toll Free: +1 800 237 7769
Europe, Middle East, Africa: +44 1440 714 850
Asia Pacific: +852 3160 9800
Latin America: +52 55 5081 1650

An ASSA ABLOY Group brand

ASSA ABLOY