

HID® EikonTouch® TC710

Certified USB Capacitive Fingerprint Reader

The EikonTouch® TC710 USB capacitive fingerprint reader provides quick and reliable biometric authentication.

The EikonTouch TC710 uses 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.

The TC710 fingerprint reader provides on-board processing for image capture and template generation, matching and storage. This reader also protects sensitive data to and from the device using encryption up to AES-256.

The EikonTouch TC710 fingerprint reader is a USB peripheral, perfect for individual desktop users. Its modern, compact design conserves desk space. This form factor works well in a wide range of vertical markets including government, healthcare and other logical access control applications.

Superior accuracy and usability are a result of the improved finger guide ergonomics and the LED which is located just above the sensor to provide user feedback during the biometric capture and matching process. The TC710 housing is IP65 rated to protect against dust and moisture penetration.

The DigitalPersona® Biometric Software Developer Kit (SDK) provides flexible APIs to enable fast integration of the EikonTouch® TC710 into a broad range of applications.

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.



FEATURES:

- FIPS 201 PIV certified image quality
- On device processing for template generation, matching and storage
- Works well with dry, moist or rough fingerprints
- Encrypted USB communication
- ISO/IEC 30107-3, Level 1 Presentation Attack Detection (PAD) certified
- Multiple USB connectors and cable lengths

APPLICATIONS:

- Desktop PC security
- Mobile PC security
- EPCS & healthcare applications

Product Name	EikonTouch® TC710 Capacitive Fingerprint Reader
	FINGERPRINT IMAGING SYSTEM
Technology	Capacitive silicon, TCS1S HID® TouchChip®
Output image resolution	508 dpi
Scan Capture Area	12.8 mm x 18 mm / 256 x 360 pixels
Life Expectation /Coating	min. 2 million touches, Gold Coat
	BIOMETRIC FUNCTIONS
Image output format	• Grayscale Image Depth • 8-bit (256 levels)
	SECURITY FEATURES
Presentation Attack Detection (PAD)	• ISO/IEC 30107-3, Level 1 Presentation Attack Detection (PAD) certified • Live Finger Detection (LFD)
USB Data Encryption	Up to AES-256
On-board Data Storage	Up to 100 finger templates
	ENVIRONMENTAL RANGE
Temperature, Operating	-10° to +50° C
Humidity, Operating	5% to 95% RH, non-condensing
	INTERFACE
USB	• USB 2.0 Full Speed • USB A, USB Micro-B, USB-C connectors available, 20 cm or 183 cm cable
Operating systems supported	Windows®, Linux® and Android®
	FORM FACTOR & DURABILITY
Overall dimensions	63.5mm L x 35mm W x 14.2mm H
Weight	124 grams
Enclosure	IP65 for moisture and dust protection
	POWER SUPPLY REQUIREMENTS
Power Supply Voltage	5.0 VDC supplied by USB
Supply Current - Scanning	~ 130 mA
Power Supply Current - Standby	~ 1 mA
	STANDARDS COMPLIANCE
Device Certifications	NIST/FBI: PIV/FIPS-201 UL, FCC, CE
Environmental	Reach, WEEE, RoHS
	DEVELOPMENT KIT OPTIONS
Software Development Kit (SDK)	DigitalPersona® Biometric SDK supports a variety of thin client and browser plug-in options

Data subject to change without notice.



For more information about HID Global's single finger readers, [click here](#).



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