

# 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

<b>Product Name</b>	EikonTouch® TC710 Capacitive Fingerprint Reader
	<b>FINGERPRINT IMAGING SYSTEM</b>
<b>Technology</b>	Capacitive silicon, TCS1S HID® TouchChip®
<b>Output image resolution</b>	508 dpi
<b>Scan Capture Area</b>	12.8 mm x 18 mm / 256 x 360 pixels
<b>Life Expectation /Coating</b>	min. 2 million touches, Gold Coat
	<b>BIOMETRIC FUNCTIONS</b>
<b>Image output format</b>	<ul style="list-style-type: none"> <li>• Grayscale Image Depth</li> <li>• 8-bit (256 levels)</li> </ul>
	<b>SECURITY FEATURES</b>
<b>Presentation Attack Detection (PAD)</b>	<ul style="list-style-type: none"> <li>• ISO/IEC 30107-3, Level 1 Presentation Attack Detection (PAD) certified</li> <li>• Live Finger Detection (LFD)</li> </ul>
<b>USB Data Encryption</b>	Up to AES-256
<b>On-board Data Storage</b>	Up to 100 finger templates
	<b>ENVIRONMENTAL RANGE</b>
<b>Temperature, Operating</b>	-10° to +50° C
<b>Humidity, Operating</b>	5% to 95% RH, non-condensing
	<b>INTERFACE</b>
<b>USB</b>	<ul style="list-style-type: none"> <li>• USB 2.0 Full Speed</li> <li>• USB A, USB Micro-B, USB-C connectors available, 20 cm or 183 cm cable</li> </ul>
<b>Operating systems supported</b>	Windows®, Linux® and Android®
	<b>FORM FACTOR &amp; DURABILITY</b>
<b>Overall dimensions</b>	63.5mm L x 35mm W x 14.2mm H
<b>Weight</b>	124 grams
<b>Enclosure</b>	IP65 for moisture and dust protection
	<b>POWER SUPPLY REQUIREMENTS</b>
<b>Power Supply Voltage</b>	5.0 VDC supplied by USB
<b>Supply Current - Scanning</b>	~ 130 mA
<b>Power Supply Current - Standby</b>	~ 1 mA
	<b>STANDARDS COMPLIANCE</b>
<b>Device Certifications</b>	NIST/FBI: PIV/FIPS-201 UL, FCC, CE
<b>Environmental</b>	Reach, WEEE, RoHS
	<b>DEVELOPMENT KIT OPTIONS</b>
<b>Software Development Kit (SDK)</b>	DigitalPersona® Biometric SDK supports a variety of thin client and browser plug-in options

Data subject to change without notice.

