

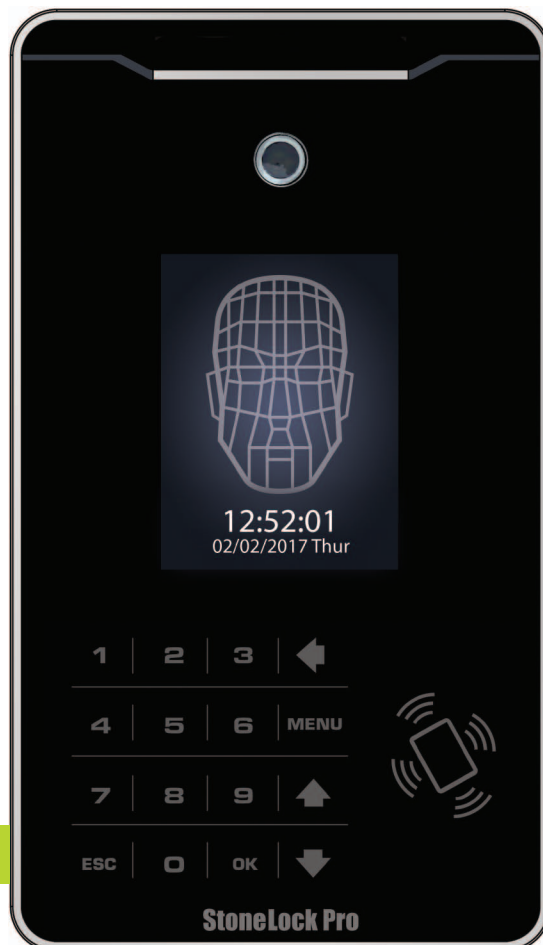
# STONELOCK

The Face of Recognition

**Fast. Convenient. Secure. Trusted.**

## StoneLock® Pro

When it comes to protecting your most critical assets, only StoneLock Pro can meet your needs for identity assurance, ease of use, and accurate performance. Solely relying on advanced near-infrared technology (NIR), StoneLock Pro offers frictionless and rapid verification of identity even in complete darkness.



- Intuitive
- Accurate
- Convenient
- High Availability
- Scalable Enterprise Solution

# STONELOCK



## **Trusted, Defensible Authentication**

StoneLock Pro facial recognition solution uses Near-Infrared (NIR) technology to consistently validate identity - even in total darkness, while overcoming inconsistencies of ambient light and distinguishing between identical twins.



## **Consistent and Proven Accuracy**

StoneLock Pro provides a complete user experience that ensures accuracy and reliability in verification of an individual. Driven by the proprietary NIR facial recognition along with visual feedback and messages, the end user is easily guided through the process from start to finish, minimizing false rejections while improving accuracy.



## **Scalable Enterprise System with Seamless Functionality**

StoneLock® Gateway provides a complete biometric-centric solution via a high availability framework that delivers increased biometric identity management capability along with flexibility and ease of use across an enterprise system.

StoneLock Gateway, built on a scalable, high availability framework, delivers a seamless link between StoneLock's facial recognition devices and external access control or identity management systems. StoneLock Gateway is optimized to securely move the biometric templates with increased data traceability across the enterprise network. An embedded web client, capable of managing the solution from either a PC or mobile device, enhances the access control environment providing greater flexibility and ease of use across the entire solution. With StoneLock Gateway, enterprise systems can easily integrate multiple globally distributed systems, providing a truly enterprise-ready solution for complete access control.

**The Complete Biometric - Centric Identity Management Solution**

StoneLock® Pro offers end users a frictionless experience driven by its intuitive and user-friendly technology providing full transparency during the authentication process. By simply approaching the device face forward, the authentication process begins instantaneously.

**Accurate. Secure. Intuitive. Scalable.**



## OPERATIONAL CAPABILITIES

Verification Modes	<ul style="list-style-type: none"> <li>• 1:N – Face Only</li> <li>• 1:1 – Card &amp; Face</li> <li>• 1:1 – Pin &amp; Face</li> </ul>	<ul style="list-style-type: none"> <li>• Card &amp; Pin &amp; Face (3 Factor)</li> <li>• Card Only</li> </ul>
Color Camera Capabilities	<ul style="list-style-type: none"> <li>• JPEG Audit Trail</li> <li>• Live Video Stream</li> <li>• Remote Enrollment</li> </ul>	<ul style="list-style-type: none"> <li>• Provides visual feedback for alignment of face</li> </ul>
Audit Capabilities <i>*PACS dependent</i>	<ul style="list-style-type: none"> <li>• All Verification records are sent via network connection-inclusive of access granted and access denied</li> <li>• Alarm records sent via network connection-inclusive of denied verification, faceplate removed, faceplate impact alarm</li> <li>• Alarms also available via hard contact closure using Form C contacts</li> </ul>	

## SPECIFICATIONS

Capacity	<p>Single Unit - 1,000 1:N profiles, 20,000 1:N with StoneLock Gateway - 10,000 1:1 profiles</p> <p>- 300,000 maximum stored records</p> <p>Networked 1:1 - no limit - requires physical access control system software and StoneLock Gateway</p>
Card Reader	<p>Supports MIFARE Classic®, MIFARE DESFire® 0.6, MIFARE DESFire® EV1, HID: iCLASS® Standard/SE/SR/Seos; Secure Identity Object™ (SIO), 35 &amp; 48 bit Corporate 1000, 37 bit and 37 bit Infinity card formats</p>
Custom Card	<p>HID Custom Card Format - up to 88 bits</p>
Enrollment	<p>Approximately 15 seconds per user</p>
Network	<p>TLS 1.2, 802.1x, DHCP, IPv4, IPv6</p>
Speed	<p>Measurement time &lt; 10ms</p> <p>Record match time &lt; 0.002ms</p>
False Acceptance Rate (FAR)	<p>FAR: Better than 1 in a quarter million; 1/250,000 (&lt;0.0004%) at highest sensitivity</p>
Ambient Light Range	<p>0-6000 Lx - Works in total darkness</p>
Temperature	<p>-25°C - 55°C (-10°F - 130°F)</p>
Moisture	<p>20% RH - 95% RH</p>
Connectivity	<p>Wiegand / RS485 / USB / Cat5/5e/6 Ethernet</p> <p>(Wiegand may be set to Card #, User ID#, or Custom #)</p> <p>2 Form C Contacts</p>
Electrical Requirements	<p>12.0 VDC +/-1.8 VDC, measured at the unit during authentication</p> <p>2 Amps min, some configurations may draw up to 11 Amps</p> <p>Refer to StoneLock® Pro User Guide for specifics</p>
Impact Sensitivity Settings	<p>Low - Alarm triggered by a 300Hz vibration</p> <p>Medium - Alarm triggered by a 100Hz vibration</p> <p>High - Alarm triggered by a 40Hz vibration</p>
LCD Screen	<p>3.5" TFT Display</p>
Body	<p>Aluminum uni-body design</p>
Electronic Locks 1 and 2	<p>Active Mode - Approximately 12VDC output (voltage equivalent to the supply voltage minus 0.3 VDC), 2 Amps Maximum Output</p> <p>Passive Mode - Form C contacts, Maximum 24VDC at 8 Amps, DOES NOT SUPPORT AC SIGNALS.</p>
Auxiliary Output 1 and 2	<p>Active Mode - Approximately 12VDC output (voltage equivalent to the supply voltage minus 0.3 VDC), 2 Amps Maximum Output</p> <p>Passive Mode - Form C contacts, Maximum 24VDC at 8 Amps, DOES NOT SUPPORT AC SIGNALS.</p>
Auxiliary Output Power (PIN19)	<p>Approximately 12VDC output (voltage equivalent to the supply voltage), 1 Amp Maximum Output</p>