Biometric Security & Identity Verification

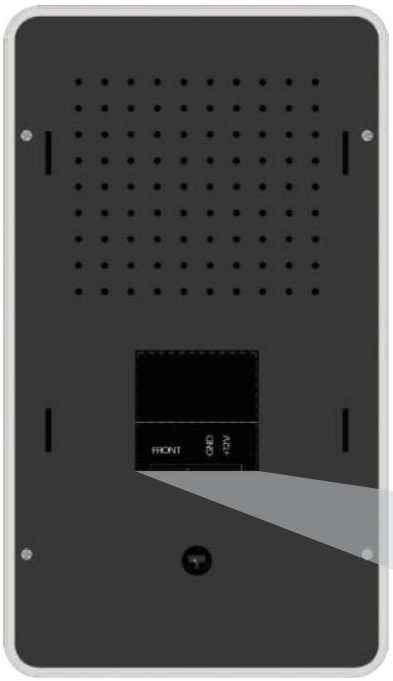
STONELOCK

The Face of Recognition

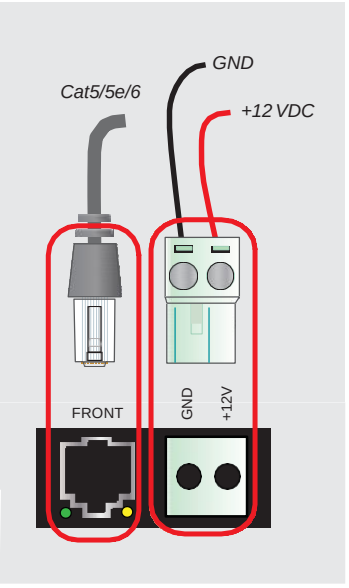
Technical Specifications

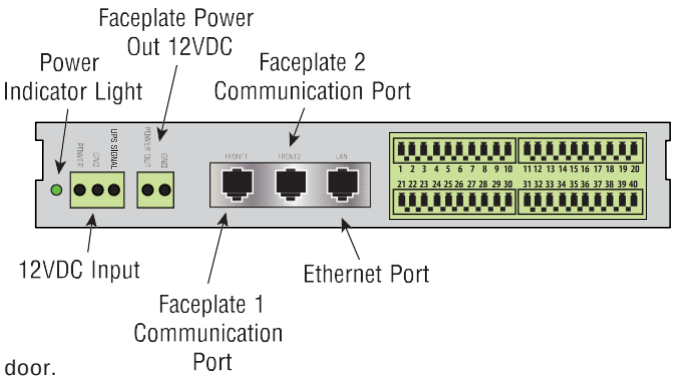
StoneLock® Pro

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 offersfrictionless and rapid verification of identity even in complete darkness.



FACEPLATE CONNECTIONS

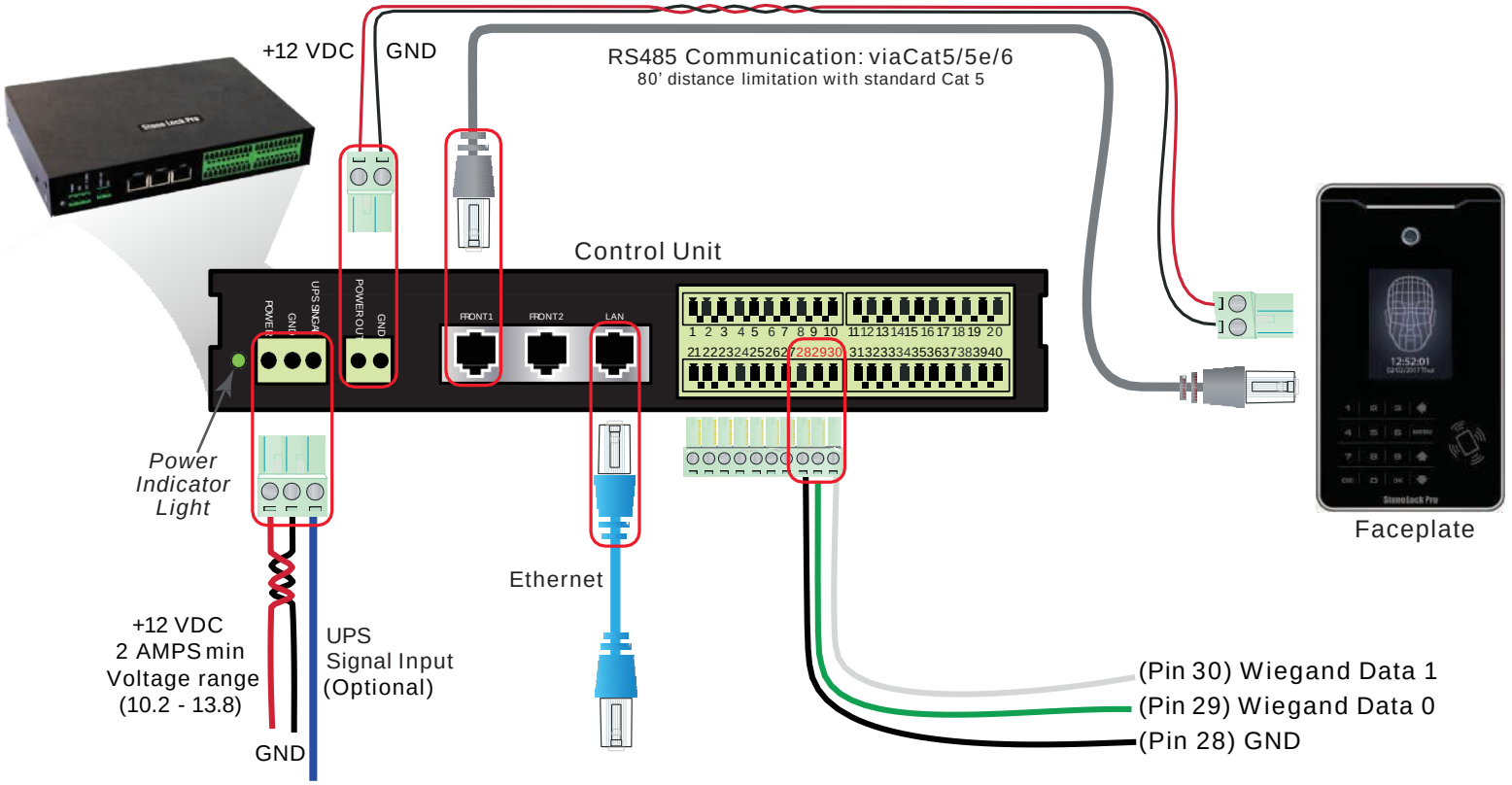




CONTROL UNIT

The control unit resides on the secure side of the door. This device holds all of the templates, processes all of the data and contains all of the communication ports.

Cabling, Network Requirements



STONELOCK GATEWAY SERVER, SOFTWARE & INTEGRATION REQUIREMENTS

StoneLock Gateway can be virtualized on the access control system, supported as a Linux VM on a Windows machine, ran on a dedicated Linux server or provided on hardware from StoneLock

PACS Requirements

- CCURE 9000 – cc9000-stonelock to enable Victor Web Services
- ONGUARD – Open Access
- SYMMETRY – Open XML and Data Export License
- PRO WATCH – HSDK
- SECURITY CENTER – SDK
- ACM – None

* when required, permanent accounts with admin credentials must be established

StoneLock Gateway Appliances

StoneLock Gateway 1U- SLP-GTW-1U – CCURE & S2 only – 150,000 card holder database, 100 StoneLock devices.

StoneLock Gateway Appliance- SLP-GTW-APP – 150,000 card holder database, 100 StoneLock devices.

- *Integrator is responsible for correct specification of appliance and server and must confirm with StoneLock the supported versions of the integrations.*

NETWORK Specs &Requirements

Communication Ports

- 13333 - StoneLock hardware
- 80/8080 (configurable)
- 8090 (configurable)
- 9000 (required for embed client)
- 22 – SSH/SSL (configurable)

Linux Server - Native

Hardware requirements

- Intel i7 processor or better
- 32G RAM
- 15G storage available
- Single NIC

Supported Versions

- UBUNTU 16.04 - 17 (preferred)
- OEL 7.3 or higher
- Debian 8 and 9
- RHEL 7.0-7.5
- Fedora 17 through 26
- CentOS 6 and 7

Linux VM on Windows Machine

Hardware running VM requirements

- Intel i7 or better
- 32G RAM
- 15G Available Storage

VM Requirements

- 16 G RAM minimum allocated
- 15G available storage
- 4 Cores

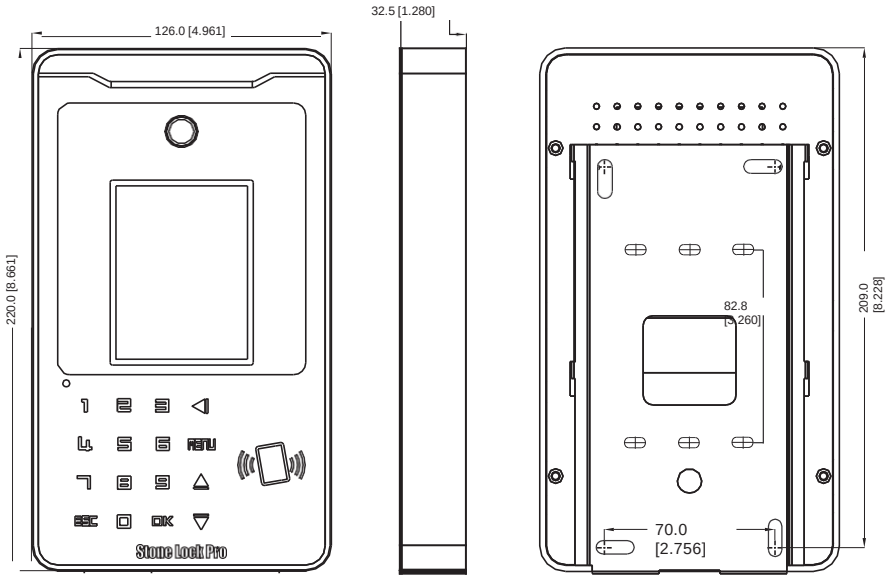
Supported Versions

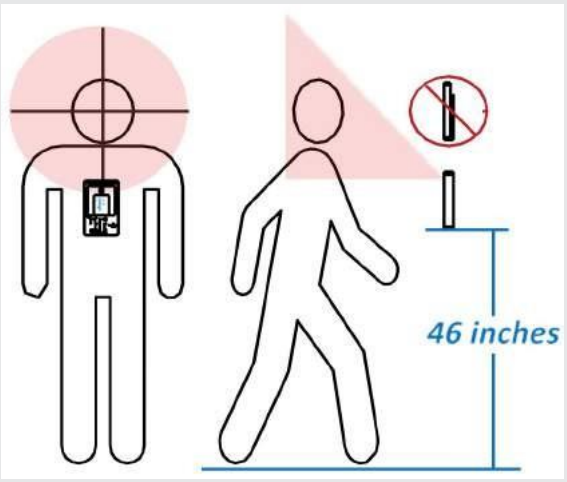
- UBUNTU 16.04 - 17 (preferred)
- OEL 7.3 or higher
- Debian 8 and 9
- RHEL 7.0-7.5
- Fedora 17 through 26
- CentOS 6 and 7

DIMENSIONS

FACEPLATE

mm [inches] 9x5x1 inches(approx)



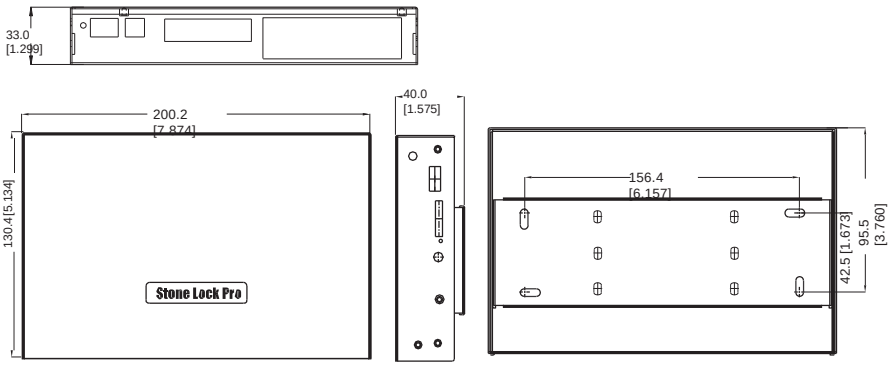


INSTALLATION CONSIDERATIONS

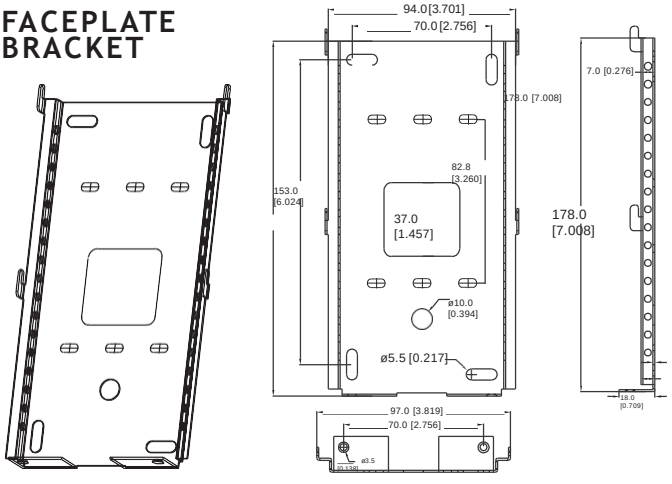
- 46” from floor to bottom of faceplate
- HID Card formats needed to support customer card requirements
- External 12VDC power supply supplying 2 AMPS during authentication
- Location (recommended indoor)

CONTROL UNIT

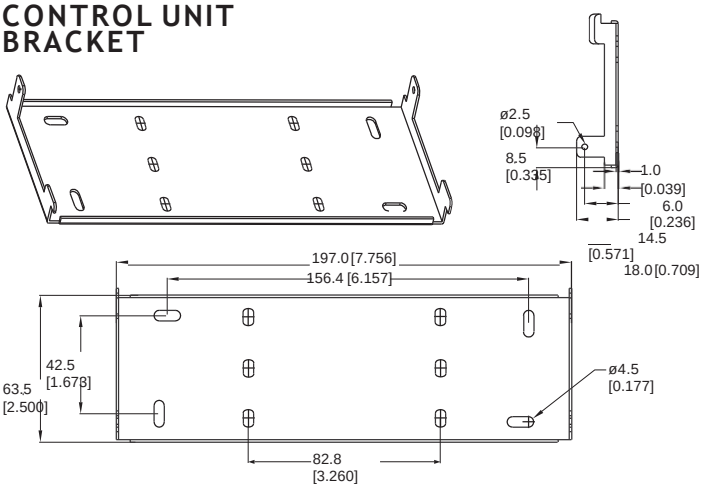
mm [inches] 8x5x1.5 inches(approx)



FACEPLATE BRACKET



CONTROL UNIT BRACKET



OPERATIONAL CAPABILITIES

Verification Modes	• 1:N – Face Only • 1:1 – Card & Face • 1:1 – Pin & Face	• Card & Pin & Face (3 Factor) • Card Only
Color Camera Capabilities	• JPEG Audit Trail • Live Video Stream • Remote Enrollment	• Provides visual feedback for alignment of face
Audit Capabilities **PACS dependent*	• All Verification records are sent via network connection-inclusive of access granted and access denied • Alarm records sent via network connection-inclusive of denied verification, faceplate removed, faceplate impact alarm • Alarms also available via hard contact closure using Form C contacts	

SPECIFICATIONS

Capacity	Single Unit - 20,000** 1:N profiles (1,000 1:N - offline) -10,000 1:1 profiles (offline) -300,000 maximum stored records (offline) Networked 1:1 - no limit – requires StoneLock Gateway **StoneLock Gateway 1U Server required
Card Reader	Supports MIFARE Classic®, MIFARE DESFire® 0.6, MIFARE DESFire® EV1, HID: iCLASS® Standard/SE/SR/Seos; PIV II, Secure Identity Object™ (SIO), 35 & 48 bit Corporate 1000, 37 bit and 37 bit Infinity card formats
Custom Card	HID Custom Card Format - up to 88 bits
Enrollment	Approximately 15 seconds per user
Network	TLS 1.2, 802.1x, DHCP, iPv4, iPv6
Speed	Measurement time < 10ms Record match time < 0.002ms
False Acceptance Rate (FAR)	FAR: Better than 1 in a quarter million; 1/250,000 (<0.0004%) at highest sensitivity
Ambient Light Range	0-6000 Lx – Works in total darkness
Temperature	-25°C – 55°C (-10°F - 130°F)
Moisture	20% RH – 95% RH
Connectivity	Wiegand / RS485 / USB / Cat5/5e/6 Ethernet (Wiegand may be set to Card #, User ID#, or Custom #) 2 Form C Contacts
Electrical Requirements	12.0 VDC +/- 1.8 VDC, measured at the unit during authentication 2 Amps min, some configurations may draw up to 11 Amps Refer to StoneLock® Pro User Guide for specifics
Impact Sensitivity Settings	Low – Alarm triggered by a 300Hz vibration Medium – Alarm triggered by a 100Hz vibration High – Alarm triggered by a 40Hz vibration
LCD Screen	3.5" TFT Display
Body	Aluminum uni-body design
Electronic Locks 1 and 2	Active Mode - Approximately 12VDC output (voltage equivalent to the supply voltage minus 0.3 VDC), 2 Amps Maximum Output Passive Mode - Form C contacts, Maximum 24VDC at 8 Amps, DOES NOT SUPPORT AC SIGNALS.
Auxiliary Output 1 and 2	Active Mode - Approximately 12VDC output (voltage equivalent to the supply voltage minus 0.3 VDC), 2 Amps Maximum Output Passive Mode - Form C contacts, Maximum 24VDC at 8 Amps, DOES NOT SUPPORT AC SIGNALS.
Auxiliary Output Power (PIN19)	Approximately 12VDC output (voltage equivalent to the supply voltage), 1Amp Maximum Output

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