

Access Control | PAC iEVO Fingerprint Reader Series

Overview

The Stanley PAC iEVO Fingerprint Reader series of advanced fingerprint readers elevate biometrics recognition from limited use to universal acceptance. When restricting access, a fingerprint is a one-of-a-kind solution that cannot be guessed, forgotten, stolen, shared or re-created.

The readers utilize Multispectral Imaging, a technology that has a proven track record involving millions of users and one that always works in real world conditions. A 'hidden' internal image of a fingerprint exists far below the surface of the skin. The readers simultaneously capture an image of both the surface and subsurface 'internal fingerprint' to capture clear, clean images every time - even when surface features are absent or hard to distinguish due to age, dirt, finger pressure and skin or environmental conditions. The sensor is also able to identify whether the fingerprint is genuine or a fake/spoof.

The Ultimate Reader can be installed externally, it is built to ensure long lasting durability regardless of weather conditions, accidental damage or physical attack. The reader is wired to a Control Board that is installed on the secure side of the door, this leaves nothing at the reader to compromise door security.

Users are enrolled within the Stanley PAC software, eliminating the need for a separate application. The finger to be enrolled (up to ten) is selected, and after it has been added the fingerprint data is sent to all the other PAC iEvo readers via its LAN connection. The Stanley PAC software stores the fingerprint against the cardholders record, confirms a presented fingerprint and passes the access authorized command to the PAC 512 Access Controller, which opens the door.

Key Features

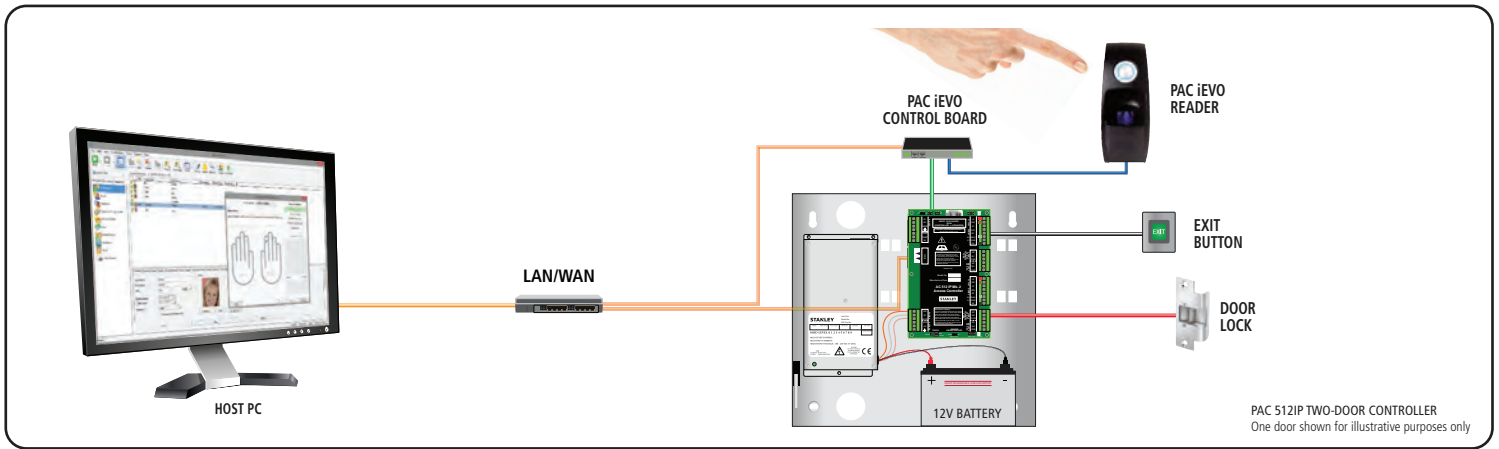
- Compatible with all Stanley PAC Access Software Editions
- Enables high throughput, identification in < 1 second
- Maintains performance in rain, cold, dry, hot environments bright sunlight or dark conditions. Even when the finger is covered with Vaseline or wearing a Latex glove.
- Images surface and subsurface fingerprint features using patented multispectral imaging technology
- The Control Board is mounted in environmentally protected secure side of the door
- High durability glass platen with no coatings that wear out
- Standard liveness detection to insure only genuine fingers can be matched
- Operates across wide ranges of temperature, relative humidity, and ambient light
- PAC Format support for Stanley PAC512-series Door Controllers enables easy installation with low cost 22AWG Unshielded 4-conductor cable
- Suitable for indoor and outdoor use (Micro - Indoor only)
- Requires minimal maintenance



MICRO
Mullion Mountable



ULTIMATE
Internal or External Use



FEATURES AND SPECIFICATIONS CHART

	PAC iEVO MICRO	PAC iEVO ULTIMATE
Description	Indoor Biometric Fingerprint Reader	Indoor/ Outdoor Biometric Fingerprint Reader
CPU	ARM9	ARM9
Memory	RAM 16mb FLASH 32mb	RAM 16mb FLASH 32mb
False Rejection Rate	< 0.1%	< 0.1%
False Acceptance Rate	< 0.00001%	< 0.00001%
Identification Speed	< 0.2 sec	< 0.7 sec
Template Capacity	1:N 8000	1:N 8000
Log Capacity	200,000	200,000
Voltage	12 VDC	12 VDC
Current Draw	< 400mA	< 600mA
Reader Output Format	PAC	PAC
Communication	TCP/IP	TCP/IP
Operating Temperature	32° to 140°F	-4° to 158°F
IP Rating	-	IP65
Power Indicator	LED in Piezo Button	LED in Piezo Button
Certifications	CE, FCC, RoHS	CE, FCC, RoHS
Dimensions	W: 1.77 x H: 4.13 x D: 1.97 in.	Surface W: 2.99 x H: 5.39 x D: 3.66 in. Flush W: 4.69 x H: 6.02 x D: 1.85 in.
Ordering Information	SBN# 46917	SBN# 46916



STANLEY PAC INTEGRATION Seamlessly Integrated Fingerprint Enrollment



MULTISPECTRAL TECHNOLOGY REAL-WORLD COMPARISON

ievo	Dry	Wet	Dirty	Elderly	High levels of ambient light
Other Biometric Readers	No Image	No Image	No Image	No Image	No Image