

HID® Signo™ PIV Contact Reader

The HID® Signo™ PIV Contact Reader is an integrated solution designed to meet FIPS-201 compliance in accordance with NIST 800-116 guidelines. This versatile contact reader includes contactless read capability and a mechanical keypad for PIN entry and supports various credential types, including PIV, PIV-I, CAC, CIV (PIV-C), TWIC, FRAC, iCLASS®, and HID legacy credentials. This compatibility allows seamless transitions from legacy technologies to modern PKI-enabled smart cards.

When connected to HID strong authentication controllers, the Signo PIV Contact Reader provides high assurance for U.S. Federal Government entities and organizations, whether operating from a single facility or a global network of sites. Its robust features and compliance ensure secure access and identity verification, making it essential for organizations committed to maintaining the highest security standards.



KEY BENEFITS:

- Contact reader solution that meets NIST's security area assurance-level requirements with multi-factor authentication.
- Supports multiple card types – PIV, PIV-I, CAC, CIV (a.k.a., PIV-C), TWIC, FRAC, iCLASS® and HID Prox® cards for easy, phased transitions from legacy technology to new PKI-enabled smart cards
- Robust and reliable mechanical keypad design.
- Vertical card slot for future expansion.
- BAA Compliant



HID® Signo™ PIV Contact Reader



Signo PIV Contact Reader

Model Number	40CH
Base Part Number	40CHTKK
13.56 MHz (NFC) Credential Compatibility	PKI-Based FIPS-201 - PIV, PIV-I, CIV, CAC, TWIC and FRAQ Seos®, iCLASS SE®, iCLASS SR®, iCLASS®, MIFARE Classic, MIFARE DESFire EV1/EV2/EV3
125 kHz Credential Compatibility	HID Proximity, EM4102 Proximity, AWID
2.4 GHz (Bluetooth) Compatibility	Optional support for HID Reader Manager. Orderable in 'No BLE' configuration by selecting FFB* models. *FFB, Factory Feature Block. FFB 'No BLE' permanently disables 2.4 GHz from the factory, which is not reversible.
System Requirements	Contact Reader requires PAM (Pending) or Mercury Embedded HID pivCLASS Authentication Module (4502) to support FICAM compliance
Typical Contactless Read Range¹	PIV Cards, Contactless Interface ¹ PIV, PIV-I, CIV, CAC, TWIC and FRAQ ~
Mounting	Single gang / wall switch
Colour	Black
Keypad	3 x 4 layout
Dimensions	3.16 in x 4.82 in x 0.96 in (80mm x 122.5mm x 24.5mm)
Product Weight	108 grams
Operating Voltage³	12V
Current Draw⁴	NSC5: 90mA Peak6: 250mA Max Avg: 120mA IPM7: 75mA
Operating Temperature & Humidity	-40° F to +150° F (-40° C to +66° C) 0% to 95% non-condensing
Storage Temperature	40° F to +185° F (-40° C to +85° C)
Environmental Rating	IP55 Contact Assembly/IP65 Reader
Transmit Frequency	125 kHz, 13.56 MHz, and 2.4 GHz
Communications & Panel Connection	Wiegand and RS-485 Half Duplex (OSDP) via Terminal Strip ⁸ *PAM Support pending*
Device Management	HID Reader Manager / OSDP configuration
Certification	FIPS-201 & FICAM Certified (FICAM Pending) , UL294, FCC, CB, CE
Security Ratings	EAL 5+ Certified Secure Element Hardware
Patents	Patents HID Global
Housing Materials	Polycarbonate – UL94 V0 rated
UL Reference Number	40C
Warranty	Limited Lifetime

1. Read range listed is statistical mean rounded to nearest centimeter increment for ID-1 or clamshell credentials. HID Global testing occurs in open air. Form factor, technology and environmental conditions, including metallic mounting surface, can degrade read range performance; plastic spacers are recommended to improve performance on metallic mounting surfaces.
2. Black spacers available as an additional accessory at an additional cost.
3. Measured in accordance with UL294 standards at +10% and -15% of rated voltage input
4. Measured in accordance with UL294 standards; see Installation Guide for details.
5. NSC – Normal Standby Current; see Installation Guide for details.
6. Peak measures in default condition.
7. Intelligent Power Management (IPM) – Reduces reader current consumption up to 43%, based on model, compared to standard operating mode.
8. Product orderable in Terminal Strip only connection type. Orderable pigtail accessory available for order



hidglobal.com

North America: +1 512 776 9000 | Toll Free: 1 800 237 7769

Europe, Middle East, Africa: +353 91 506 900

Asia Pacific: +852 3160 9800 | Latin America: +52 55 9171 1108

For more global phone numbers click here

© 2024 HID Global Corporation/ASSA ABLOY AB. All rights reserved.

2024-10-23-pacs-piv-contact-reader-ds-en

PLT-08085

Part of ASSA ABLOY