Enhance security of networked printers

HP Keystroke Card Reader

Help eliminate identification errors and provide instant authentication

ENHANCED CAPABILITIES INCLUDING

Support for Secure MIFARE credentials & NFC Apple Wallet for HID Mobile Credentials

ACCURATE AUTHENTICATION

The HP HIP2 Keystroke Card Reader is an important part of a secure print management solution, enabling you to:

- Track authentication, pull printing, job accounting, chargebacks, and more
- Enable compliance with print policies
- Help users make smarter decisions about their printing requirements

DUAL-FREQUENCY KEYSTROKE READER

This card reader emulates a keyboard, allowing users to:

- Instantly send employee information as keystrokes when a badge is waved over the reader
- Help eliminate errors that can occur with individual, device-level identity and access
- Provide a secure, convenient, and efficient way to authenticate user credentials—no PINs or passwords required

WIDE-RANGE, VERSATILE SUPPORT

Designed specifically for the Hardware Integration Pocket (HIP) on HP printers and MFPs, the card reader provides:

- Support for four card types simultaneously
- Compatibility with nearly every type of badge worldwide
- Capacity to read both proximity and contactless smart cards
- Support for iCLASS®, SE® and Seos®secure memory smart cards through a built-in SIM slot
- Support for MIFARE secure memory credentials: DESFire®, Classic, Ultralight, and Plus through a built-in SIM slot
- The card reader enables support for NFC Apple Wallet HID Mobile
- Ability to leverage current employee ID badges, tags, or labels (backward compatible)
- Easy integration with market-leading secure print management and pull-printing software applications

EASY INSTALLATION ACROSS THE PRINTER FLEET

Setup for network administrators and IT managers is easy. The card reader is configured using the HP Card Reader Utility Tool.

Simply connect the reader to the printer via USB and integrate it with software applications. When an employee badge is presented to the reader, employee credentials pass instantly to the company's authentication software for access validation with the company's employee database or active directory.

Common application

The integration of the HP HIP2 Keystroke Card Reader into print management applications paves the way for solutions in a variety of industries, including several listed below:

	Healthcare	Government	Manufacturing	Enterprise	Financial Services
Single sign-on	✓	✓	✓	✓	✓
Time and attendance	✓	✓	✓	✓	✓
Training compliance	✓	✓	✓	✓	✓
Point of sale	✓	✓	✓	✓	✓
Cost control	✓	✓	✓	✓	✓

Product specifications

Model (part number)	▪ HP Keystroke Card Reader (Y7C05B) ▪ HP SIM for Secure HID for Card Reader (Y7C07B) ▪ HP SIM for Secure Mifare for Card Reader (2NJ29B)
Installation	HP Hardware Integration Pocket (HIP2)
Standard contents	Card reader, 69.9 mm (2-3/4") short USB RAC MINI USB Cable; User Guide.
Operating frequency	125/132 kHz and 13.56 MHz
Interface	USB
Accessory Kit: external installation	HP HIP2 Card Reader Accessory Kit (HP part number: 8NZ00A); Includes External case, 1.8 m (6') USB Type A cable and Mounting Kit

Accessory Kit: installation in larger HP HIP1 pocket	HP HIP1 Card Reader Accessory Kit (HP product number: 5B248A); Includes 127 mm (5") USB RAC MINI Female USB cable, 178 (7") USB MINI Male USB cable, and HIP1 pocket cover.
Dimensions ▪ HIP internal pocket	76.6 x 51.2 x 11.7 mm (3.02 x 2.01 x 0.46 in)
▪ External case	76.6 x 51.2 x 14.7 mm (3.02 x 2.01 x 0.57 in
Weight ▪ HIP internal pocket (with 69.9 mm (2-3/4") short cable)	26 gm (0.9 oz)
Housing colour	Black
Cable length ▪ HIP internal pocket	69.9 mm (2-3/4") short USB RAC MINI USB cable
Indicators	LED indicator; Adjustable beeper volume (off, low, medium, high)
Form factors	HIP reader is designed to fit flush into the HIP
Power supply	USB (self-powered)
Power consumption	70 mA typical, 100 mA maximum
Environmental ranges	Operating temperature: -30° to 65° C (-22° to 150° F); Storage temperature: -40° to 85° C (-40° to 185° F); Relative humidity, non-condensing: 5% to 95%
Certifications	FCC-United States; CE Mark-Europe; RCM-Australia; IC-Industry Canada; Environmental: RoHS, REACH. For information about other global certifications, please contact HP.
Compliance	HIPAA, CJIS
Compatible operating systems	Windows® XP/7/8.1/10; Linux®
Other features	User-selectable volume control, including a beeper on/off setting selection Can read up to four different credentials at any one time Card #1 is set to HID Proximity Card #2 is set to ISO standards: ISO 14443 and ISO 15693: ISO 14443: LEGIC Advant CSN, aptiQ (MIFARE) CSN, aptiQ (MIFARE DESFire EV1) CSN, DESFire CSN, Indentive NFC/CSN, I-tag CSN, MIFARE Ultralight CSN (NFC Type 2), MIFARE Classic (32 bits) CSN, MIFARE DESFire CSN, MIFARE\DESFire EV1 CSN, MIFARE Plus (Encentuate) (ISO 144443A CSN), MIFARE Plus (NXP), Oyster, XceedID (14443A-32Bits) ISO 15693: etag CSN (SecureKey), I-Code CSN, mf-d CSN (Infenion), SecuraKey (PHILIPS) (SecuraKey e®tag CSN), Tag-It CSN (Texas Instruments) Support for NFC Apple Wallet for HID Mobile Credentials.

Supported card types	13.56 MHz card types: aptiQ CSN (MIFARE), aptiQ CSN (MIFARE DESFire EV1), CEPAS, e-Tag CSN, FeliCa Lite, HID iCLASS, CSN, I Tag CSN, I-Code CSN, Identiv, ISO 14443A CSN, ISO 14443B, ISO 15693A CSN, LEGIC advant CSN, MIFARE Classic CSN, MIFARE DESFire CSN, MIFARE DESFire EV1 CSN, MIFARE Plus (Encentuate), MIFARE Plus (NXP), MIFARE Ultralight CSN, my-d (Infineon), Oyster, SecuraKey, Tag-It (Texas Instruments), Topaz, XceedID, HID iCLASS, SE and Seos Secure Memory with HP SIM for Secure HID for Card Reader (Y7C07B), and Secure Memory: MIFARE DESFire EV1, EV2, MIFARE Classic, MIFARE Ultralight, MIFARE PlusMifare with HP SIM for Secure Mifare for Card Reader (2NJ29B)
	125/132 kHz card types: AWID, Cardax UID, CASI-RUSCO, CDVI, Cotag, Deister UID, Digitag, Dimpna UID, EM 410x, EM 410x Alternate, EM 410x/ Marin, EM 410x/Marin Alternate, GProx-II ID, GProx-II UID, HID Prox, HID Prox UID, HiTag 1/S, HiTag 1/S Alternate, HiTag 2, HiTag 2 Alternate, IDTECK, IDTECK Alternate, Indala ASP Custom, Indala ASP+ Custom, Indala ECR Custom, Indala/Motorola ASP 26 Bit, Indala/Motorola ASP UID, ioProx/Kantech, ISONAS, Keri 26-bit UID, Keri 32-bit UID, Keri NXT/Farpointe/Pyramid 26 Bit, Keri NXT/Farpointe/ Pyramid UID (128 bit), Nedap, NexWatch/Nexkey/Honeywell, Paradox, Radio Key, ReadykeyPRO UID, Rosslare, Corbin Russwin UID, Urmet, Postech

Learn more at hp.com/go/printsecurity

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