Increase security of networked printers

HP Universal Card Reader

Provide instant authentication and help reduce identification errors

ENHANCED CAPABILITIES INCLUDING

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

POWERFUL AUTHENTICATION

The HP Universal Card Reader is an important part of a secure print management solution. It helps you protect confidential information and improve productivity by enabling you to:

- Track authentication, pull printing, job accounting, chargebacks, and more
- Provide a secure, convenient, and efficient way to authenticate user credentials—no PINs or passwords required
- Enable compliance with print policies
- Help users make smarter decisions about their printing requirements

VERSATILE CARD READER

This dual-band card reader supports the HP MFP24 communication protocol and is capable of reading 125/132 kHz and 13.56 MHz frequencies simultaneously. It has the capacity to read proximity cards, contactless smart cards and mobile credentials supporting NFC Apple Wallet HID Mobile Access

As a badge-based reader, it helps eliminate the need to manually enter codes, user names, and passwords—ultimately reducing identification errors. It easily integrates with existing badge systems across multiple environments, reducing the need for additional badge types and readers.

ROBUST CAPABILITY

This card reader makes it easy for you to increase the security of networked printers because it offers:

- Support for four card types simultaneously
- Compatibility with nearly every type of badge worldwide
- 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 to Apple Wallet via NFC.

EASY INSTALLATION ACROSS THE PRINTER FLEET

Designed for easy installation in multiple versions of the Hardware Integration Pocket (HIP) on HP printers and MFPs, it also includes a standalone adapter for HP print devices without a HIP. Setup for network administrators and IT managers is easy:

- Integrate with secure print management and pull-printing software applications using the HP Common Card Reader SDK
- Configure the reader with the integrated software app
- Connect the printer through the HIP USB port or to an available USB port on the printer

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 Universal Card Reader (X3D03B) ▪ 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	Reader and 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 ▪ External case	76.6 x 51.2 x 11.7 mm (3.02 x 2.01 x 0.46 in) 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
Standard cable length	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. For external mounting, see Accessory Kits.
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 card 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-32 Bits) 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

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