



HP Smartcard U.S. Government Solutions

Table of Contents

U.S. Smartcard Technology	2
Advanced Features	2
Accurate Authentication	2
Product specifications	3

Plug into simple, secure printing

Help protect confidential information and help control printing access by requiring users to use two factor authentication at the imaging and printing devices.



U.S. Smartcard Technology

The HP Smartcard U.S. Government Solutions takes advantage of U.S. Government smartcard technology:

- HP Smartcard U.S. Government NIPRNet Solution for CAC and PIV Tokens
- HP Smartcard U.S. Government SIPRNet Solution for SIPRNet Tokens

The Solutions are powered by enhanced HP printers and multifunction printers (MFPs). The HP Smartcard U.S. Government Solutions are specifically designed to help you manage your government agency's document and information workflow more effectively and securely.

Advanced Features



The advanced features of the HP Smartcard U.S. Government Solutions support:


- Mandatory identification
- Physical and logical access capabilities
- Public Key Cryptography for Initial Authentication in Kerberos (PKINIT)
- E-mail signing and encryption using FIPS 140-2 Validated Cryptographic Modules

Accurate Authentication

Prior to scanning, copying or printing, authenticate at the HP device by inserting a smartcard into the attached card reader and entering a personal identification number (PIN). These steps initiate certificate validation, Kerberos authentication to the network (Microsoft Smart Card Logon), Microsoft Active Directory data retrieval and—when a document is captured at the device—e-mail signing and encryption.

Product specifications

Features	HP SmartCard NIPRNet Solution 	HP SmartCard SIPRNet Solution 
Part number	CC543B#201	F8B30A#201
What's in the box	<ul style="list-style-type: none"> • USB NIPRNet Card Reader, • Adapter Ring, HIP, • Stand Alone Adapter, • USB Mini-B Plug-Plug Cable, • USB Mini-B Plug-Jack Cable, • Type A to USB Mini-B, and • Install Guide 	<ul style="list-style-type: none"> • USB SIPRNet Card Reader, • Adapter Ring; HIP, • Stand Alone Adapter, • USB Mini-B Plug-Plug Cable, • USB Mini-B Plug-Jack Cable, • Type A to USB Mini-B Cable, and • Install Guide
Warranty	One-year replacement warranty	One-year replacement warranty
Network Type	NIPRNet (Unclassified)	SIPRNet (Classified)
Connectivity	Mini-USB Cable	Mini-USB Cable
SmartCard Detection	<ul style="list-style-type: none"> • Card Present Switch • Automatic power on/off • Short Circuit Protection 	<ul style="list-style-type: none"> • Card Present Switch • Automatic power on/off • Short Circuit Protection
Interface Speed	Up to 600 kBits/s	Up to 600 kBits/s
Contact Type	8 pin ID-1 Sliding Contact Socket	8 pin ID-1 Sliding Contact Socket
Durability	Sliding Contacts 100,000 Card Insertions	Sliding Contacts 100,000 Card Insertions

Features	HP SmartCard NIPRNet Solution 	HP SmartCard SIPRNet Solution 
Systems/Standards	<ul style="list-style-type: none"> • EMV 2088 Ver 4.2 Level 1 • ISO/IEC 7816 • USB 2.0 Full speed • CCID • Microsoft® WHQL 	<ul style="list-style-type: none"> • EMV 2088 Ver 4.2 Level 1 • ISO/IEC 7816 • USB 2.0 Full speed • CCID • Microsoft® WHQL
Power Consumption	<ul style="list-style-type: none"> • < 6mA, excluding smart card • < 500µA in Standby Mode 	<ul style="list-style-type: none"> • < 6mA, excluding smart card • < 500µA in Standby Mode
Dimensions	3.2 x 2.5 x 1.0 in (8.0 x 6.3 x 2.6 mm)	3.2 x 2.5 x 1.0 in (8.0 x 6.3 x 2.6 mm)
Weight	1.8 oz (51 g)	1.8 oz (51 g)
Packaged dimensions	6.9 x 5.5 x 2.3 in (178 x 138 x 60 mm)	6.9 x 5.5 x 2.3 in (178 x 138 x 60 mm)
Packaged weight	9.6 oz (272 g)	9.6 oz (272 g)
Environmental ranges	Operating temperature:	
	32° to 122° F (0° to 50° C)	32° to 122° F (0° to 50° C)
	Storage temperature:	
	-4° to 140° F (-20° to 160° C)	-4° to 140° F (-20° to 160° C)
	Operating humidity:	
	Up to 95% RH non condensing	Up to 95% RH non condensing
Supported Devices	hp.com/go/MFPauthentication	hp.com/go/MFPauthentication

hp.com/go/support

Current HP driver, support, and security alerts
delivered directly to your desktop.

© Copyright 2020 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

c06537056 ENWW, Edition: 1, September 2020

