



HP LEGIC Card Reader

Trusted authentication for the World's most secure printers



Documents should only be accessible to those who are authorized to print and distribute them. Nowhere is security more important than the physical locations of printers that may be shared by hundreds of people.

HP leads the industry with self-healing embedded security features that help customers secure their devices and documents at the network and data level. With our HP Legic Card Reader, we further enable industry-leading secure print management.

As part of a complete security solution, HP LEGIC readers enable secure authentication, authorization and accounting for every user and print job. HP printers and MFPs can be more secure, inside and out.

Powerful authentication, easy integration

- Flush-mount, ultra-slim form factor designed for our HP Hardware Integration Pocket (HIP)
- Provide the assurance of highly reliable access to HP devices
- Operating at the 13.56 MHz standard, LEGIC technology is used in contactless smart cards worldwide
- Deliver tamper-proof data transmission, faster card reading, and hardened copy protection compared to 125 kHz frequency systems
- HP Legic card readers support:
 - Advant and prime unique identifier (UID)
 - Advant and prime secure memory
- HP MFP24 protocol on HP MFPs and printers
- Reads the UID on 13.56 MHz cards that are compliant with ISO standards 15693 and 14443
- Data from secure segments can be read with the HP Legic card reader
- Configurable secure segments settings to meet customer data security requirements. HP Legic card reader configuration may be done with the HP Card Reader Configuration Utility
- Secure data exchange for each segment
- Ability to launch the reader securely with a LEGIC SAM63 card
- Support for user-defined encryption keys

HP Legic Card Reader

Features and specifications

Standard features																												
Model number	4QL32A HP LEGIC card reader for LEGIC advant and prime																											
Operating frequency	13.56 MHz																											
Interface	USB																											
Physical characteristics																												
Dimensions	Internal pocket mount: 3.02" x 2.01" x 0.46" ; 76.6 mm x 51.2 mm x 11.7 mm External mount: 3.02" x 2.01" x 0.57" ; 76.6 mm x 51.2 mm x 14.7 mm																											
Weight	Internal pocket mount with 2 ¾" (69.9 mm) short cable: 0.9 oz (26 g); External mount with 6' (1.8 m) cable: 2.5 oz (70 g)																											
Housing color	Jack Black																											
Cable length	Internal pocket mount: HIP2 short cable 2 ¾" (69.9 mm); external mount: 6' (1.8 m) cable																											
Indicators	LED indicator (green, amber, red); adjustable beeper volume (off, low, medium, high)																											
Form factor	HIP2 reader is designed to fit flush into the hardware integration pocket. For external mounting, refer to "mounting parts" section.																											
Power supply	USB self-powered																											
Power consumption	70 mA typical, 100 mA maximum																											
Mounting parts (dependent on printer style)	5" (127 mm), 7" (178 mm) or 6' (1.8 m) cables; HIP1 cover; external box bottom cover; Velcro strips and cable management clips																											
Environment																												
Operating temperature range	-22° to 150°F (-30° to 65°C)																											
Operating humidity range	5% to 95% relative humidity, noncondensing																											
Storage temperature range	-40° to 185°F (-40° to 85°C)																											
Other																												
Certifications	FCC: United States; CE Mark: Europe; RCM: Australia; IC: Industry Canada. Environmental: RoHS, REACH. Please contact RF IDEas for information about other global certifications.																											
Compatible operating systems	Windows XP®/7®/8.1®, 10® and Linux																											
Configuration utility	HP Card Reader Configuration Utility																											
Card types	<table border="0"> <tbody> <tr> <td>Supports:</td> <td>HID® iClass® CSN</td> <td>MIFARE Plus (ENCENTUATE)</td> </tr> <tr> <td>LEGIC advant CSN / UID</td> <td>I Tag CSN</td> <td>MIFARE Plus (NXP) MIFARE</td> </tr> <tr> <td>LEGIC advant Secure Memory</td> <td>I-Code CSN</td> <td>Ultralight CSN</td> </tr> <tr> <td>LEGIC prime CSN / UID</td> <td>ISO 14443A CSN</td> <td>My-D (Infineon)</td> </tr> <tr> <td>LEGIC prime Secure Memory</td> <td>ISO 14443B</td> <td>Oyster</td> </tr> <tr> <td>aptiQ CSN (MIFARE®)</td> <td>ISO 15693A CSN MIFARE Classic</td> <td>SecuraKey</td> </tr> <tr> <td>aptiQ CSN (MIFARE DESFire® EV1)</td> <td>CSN MIFARE DESFire CSN MIFARE</td> <td>Tag-It™ (Texas Instruments)</td> </tr> <tr> <td>Etag CSN</td> <td>DESFire EV1 CSN</td> <td>XceedID</td> </tr> <tr> <td>FeliCa</td> <td></td> <td></td> </tr> </tbody> </table>	Supports:	HID® iClass® CSN	MIFARE Plus (ENCENTUATE)	LEGIC advant CSN / UID	I Tag CSN	MIFARE Plus (NXP) MIFARE	LEGIC advant Secure Memory	I-Code CSN	Ultralight CSN	LEGIC prime CSN / UID	ISO 14443A CSN	My-D (Infineon)	LEGIC prime Secure Memory	ISO 14443B	Oyster	aptiQ CSN (MIFARE®)	ISO 15693A CSN MIFARE Classic	SecuraKey	aptiQ CSN (MIFARE DESFire® EV1)	CSN MIFARE DESFire CSN MIFARE	Tag-It™ (Texas Instruments)	Etag CSN	DESFire EV1 CSN	XceedID	FeliCa		
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