RF IDEAS
Solutions for Identification and Access

pcProx® and pcProx® Plus SP for LEGIC® Smart Cards

Single-Frequency or Dual-Frequency Card Readers for LEGIC®

The pcProx® family of readers for LEGIC® smart cards are designed for organizations seeking to improve security and efficiency by leveraging their existing card system for applications beyond door access.

RF IDeas readers for LEGIC work with the LEGIC proprietary algorithm for data authentication and supports both LEGIC advant and LEGIC prime card technologies. RF IDeas readers with LEGIC technology provide three key benefits for users:

- True contactless smart card security
- High flexibility to manage, merge and migrate mixed card populations
- Improved workflow for applications requiring card access

Developed to Meet and Exceed Stringent Secure Authentication Needs

As part of a complete security solution, the pcProx and pcProx Plus SP readers for LEGIC smart cards are used for identification, authentication, and access control applications. IT organizations select LEGIC card technology for its enhanced level of security, flexibility, Unique ID (UID) and additional protection of identity.

Connecting directly into a USB port, the pcProx or pcProx Plus SP keystroke readers emulate a keyboard and outputs the card data to the cursor's location on the screen. The reader is easily configured to increase security and control access. Through the configuration process, desired credential data output and access privileges for cardholders can be established.



Powerful Authentication That's Easy to Integrate

- The pcProx® is a single-frequency reader in desktop, surface mount or non-housed form factors
- The pcProx® Plus SP ultra-slim form factor is designed to fit into recessed pockets on printers or mounted externally
- LEGIC card readers provide the assurance of highly reliable access to all printers
- 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 with 13.56 MHz systems

LEGIC card readers support:

- Advant and prime UID
- Advant and prime Secure Memory
- Standards ISO 14443 and ISO 15693
- Data from secure segments can be read with the LEGIC card reader
- Configurable secure segment settings to meet customer data security requirements
- Secure data exchange for each segment
- Ability to launch the reader securely with a LEGIC SAM63 card
- Support for user-defined encryption keys

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FEATURES & SPECIFICATIONS

	pcProx® for LEGIC®	pcProx® Plus SP for LEGIC®
		
STANDARD FEATURES		
Operating Frequency	13.56 MHz Contactless Smart Card	125 kHz Proximity & 13.56 MHz Contactless Smart Card
Model Series	RDR-7L81BKU	RDR-80LH1BKU
Configurations	Configurable for stamp management	
Interface(s)	USB	USB
Dimensions	3.4" x 2" x 0.6 (8.63 cm x 5.1 cm x 1.52 cm)	3.4" x 2" x 0.6 (8.63 cm x 5.1 cm x 1.52 cm)
Weight	4.0 oz (113.39g)	2.7 oz (76.6gm)
Audio Prompts (Beep)	Adjustable beeper volume (off, low, medium, high)	Adjustable beeper volume (off, low, medium, high)
Visual Prompts (LED)	Green, amber, red	Green, amber, red
Power Supply	USB self-powered, 5VDC	USB self-powered, 5VDC
Power Consumption	70 mA Typical, 100 mA maximum	70 mA Typical, 100 mA maximum
ENVIRONMENTAL		
Operating Temperature Range	-22° to 150°F (-30° to 65°C)	-22° to 150°F (-30° to 65°C)
Operating Humidity Range	5% to 95% relative humidity, non-condensing	5% to 95% relative humidity, non-condensing
Storage Temperature Range	-40° to 185°F (-40° to 85°C)	-40° to 185°F (-40° to 85°C)
OTHER		
Certifications	FCC-United States; IC-Industry Canada; CE Mark-Europe; RCM-Australia; Environmental; RoHS, REACH Contact Sales@RFIDeas.com for additional global country certification details	
Compatible Operating Systems	Windows XP®, 7®, 8.1®, 10® and Linux	
Supported Card Types	LEGIC® advant CSN LEGIC advant Secure Memory LEGIC prime CSN LEGIC prime Secure Memory aptiQ™ CSN (MIFARE®) aptiQ CSN (MIFARE® DESFire® EV1) eTag® CSN FeliCa ISO 14443A/B ISO 15693 CSN	MIFARE Plus® (ENCENTUATE) MIFARE Plus® (NXP) MIFARE® Ultralight CSN my-d™ (Infineon) Oyster SecuraKey Tag-it™ (Texas Instruments) XceedID® LEGIC advant CSN LEGIC advant Secure Memory LEGIC prime CSN LEGIC prime Secure Memory aptiQ CSN (MIFARE®) aptiQ CSN (MIFARE® DESFire® EV1) eTag® CSN FeliCa ISO 14443A/B ISO 15693 CSN Additionally, all 125 kHz card types supported by the pcProx Plus. For a full list, go to **https://www.rfideas.com/pcprox-plus-card-types**

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