

pcProx[®] 13.56 MHz

SINGLE-FREQUENCY CARD READER FOR LEGIC[®] 13.56 MHz CONTACTLESS SMART CARDS

The next-generation pcProx[®] reader specifically designed to interact with the LEGIC[®] algorithm and card technologies

pcProx[®] card readers are designed for organizations seeking to implement new ways to improve efficiency as well as leveraging their existing card system for applications beyond physical security. The pcProx reader for LEGIC[®] 13.56 MHz contactless smart cards works with the proprietary LEGIC algorithm for data authentication and supports both LEGIC Advant and LEGIC Prime card technologies. It reads the UID and segments* on the LEGIC cards. The pcProx readers are available in keystroke and non-keystroke versions.

Developed to Meet and Exceed Stringent Secure Authentication Needs

The pcProx reader for LEGIC 13.56 MHz smart cards is used for identification, authentication, and access control applications. IT organizations select LEGIC card technology for its enhanced level of security, flexibility, Unique ID (UID) anti-collision design and additional protection of identity. RF IDEas is the preferred partner for solutions that combine readers, card technology and application software to eliminate manual entry of user names and passwords, streamline workflow and eliminate errors for identification.

Plug-and-Play Functionality and Seamless Integration

Connecting directly into a USB port, the pcProx keystroke reader emulates a keyboard and outputs the card data to the cursor's location on the screen. The pcProx 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.



Backward compatible, the pcProx reader for LEGIC 13.56 MHz smart cards easily integrates into existing badge systems. It eliminates the need to add another badge or additional readers when increasing the number of applications that use badge systems for employee identification. The pcProx reader supports standards ISO 14443 and ISO 15693 for access control, secure printing, time and attendance, and cashless payment.

Developer-friendly SDK

The Software Developer Kit or SDK reader integrates with your software or hardware product through the use of the RF IDEas Universal Software Developer's Kit (SDK). In contrast to the keystroke readers, the SDK or non-keystroking reader passes the raw card data offering nearly unlimited possibilities for user identification and authentication.

Common Applications

Below are some of the most common applications in key industries.

	HEALTHCARE	GOVERNMENT	MANUFACTURING	ENTERPRISE
Single Sign-on	+	+	+	+
Time & Attendance	+	+	+	+
Training Compliance	+	+	+	+
Point-of-Sale	+	+	+	+
Secure Print Management	+	+	+	+

STANDARD FEATURES

Model Series

*Denotes models available Q4 2017

RDR-7L81AKU Desktop LEGIC UID Keystroking Reader
 RDR-7L82AKU Desktop LEGIC UID Non-Keystroking Reader
 RDR-7L81BKU* Desktop LEGIC Segment Keystroking Reader
 RDR-7L82BKU* Desktop LEGIC Segment Non-Keystroking Reader
 RDR-7LW1AKU Surface Mount LEGIC UID Keystroking Reader
 RDR-7LW2AKU Surface Mount LEGIC UID Non-Keystroking Reader
 RDR-7LW1BKU* Surface Mount LEGIC UID Keystroking Reader
 RDR-7LW2BKU* Surface Mount LEGIC UID Non-Keystroking Reader
 KT-7LW1AKU-IP67 Surface Mount LEGIC Keystroking Reader w/IP67
 KT-7LW2AKU-IP67 Surface Mount LEGIC UID Non-Keystroking Reader w/IP67
 KT-7LW1BKU-IP67* Surface Mount LEGIC Segments Keystroking Reader w/IP67
 KT-7LW2BKU-IP67* Surface Mount LEGIC Segments Non-Keystroking Reader w/IP67

Operating Frequency 13.56 MHz

Interface USB 2.0

pcProx SDK Support Yes

PHYSICAL CHARACTERISTICS

Dimensions Desktop: Height 3.55" (9.02cm) x Width 2.05" (5.21cm) x Depth 0.63" (1.60cm)
 Surface mount: Height 4.5" (11.5cm) x Width 2.8" (7.1cm) x Depth 0.62" (1.6cm)

Weight Desktop reader w/6' USB cable: 4.0 oz (113.39gm); Surface mount w/6' USB cable: 4.3 oz. (121.9gm)

Housing Color Black

Cable Length 6' standard; 6" and 16" lengths available

Indicators LED indicator (green, amber, red); Adjustable beeper volume (off, low, medium, high)

Form Factors Desktop; surface mount

Power Supply USB powered

Power Consumption 95 mA typical, 150 mA maximum

ENVIRONMENT

Operating Temperature Range -22° to 150°F (-30° to +65°C)

Operating Humidity Range 5% to 95% relative humidity, non-condensing

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 pcProx Configuration Utility available on RF IDEas support page

Card Types Reads most high frequency 13.56 MHz cards. Visit <https://www.rfideas.com/pcprox-supported-card-types> for full list of supported card types. Contact RF IDEas for specific card type questions.



RF IDEas, Inc.
 4020 Winnetka Avenue
 Rolling Meadows, IL 60008

Toll Free: 866-439-4884
 Voice: 847-870-1723
 Fax: 847-483-1129
 Email: sales@RFIDEas.com

www.RFIDEas.com