

pcProx[®] Plus Surface Mount

DUAL-FREQUENCY PROXIMITY AND CONTACTLESS SURFACE MOUNT CARD READER FOR IDENTIFICATION AND ENROLLMENT

Reader easily mounts nearly anywhere and supports endless possibilities for improved authentication.

The powerful pcProx[®] Plus Surface Mount badge reader gives users the flexibility they need to leverage existing credentials:

- Supports nearly all proximity and contactless cards worldwide
- Four card configurations (2 are pre-set and 2 are user definable)
- Mounts easily with two screws and fits on a single gang electrical box
- User-selectable volume control including a beeper on/off setting selection

All-In-One Flexible Design

RF IDEas pcProx Plus Surface Mount is a dual frequency programmable card reader that provides the advantages of reading both proximity and contactless smart cards in one reader. This reader allows users to leverage their 125 kHz or 13.56 MHz employee badges for secure authentication and identification throughout the workplace.

The plug and play reader allows users to quickly configure the output to meet their needs. With its dual-frequency multi-technology design, the pcProx Plus Surface Mount is highly configurable and capable of simultaneously handling up to four card technologies.

Error-Free Identification

Now users can eliminate the need for manual user name and password entry and provide error-free identification and security throughout the workplace while leveraging existing employee



credentials. The reader can be configured to add keystrokes and commands before or after the card data. It can be used as a stand-alone keyboard wedge unit, or be seamlessly integrated with other software applications using an optional Software Developer's Kit (SDK).

The SDK enables software application developers to integrate the pcProx Plus readers into their programs, using the raw data directly from proximity and contactless cards.

Protect and Secure Sensitive Information

Using a Surface Mount card reader can improve organization workflows and eliminate errors typically found with individual identification systems. It can be easily mounted on kiosks, walls and other indoor surfaces. As an integrated reader, the pcProx Plus Surface Mount incorporates all the functionality of the standard desktop readers and are ideal for specialized card and badge reading locations. It is specifically designed for applications such as kiosks, time & attendance, point of sale, hoteling, meeting attendance, as well as others which require special mounting versatility.

Common Applications

Below are some of the most common applications of pcProx® Plus Surface Mount in key industries.

	HEALTHCARE	GOVERNMENT	MANUFACTURING	ENTERPRISE	FINANCIAL SERVICES
Single Sign-on	+	+	+	+	+
Time & Attendance	+	+	+	+	+
Training Compliance	+	+	+	+	+
Point-of-Sale	+	+	+	+	+
Dispensing	+	+	+	+	+

STANDARD FEATURES

Mounting Options	The Surface Mount housing (shown on front) can be easily mounted on kiosks, walls and other indoor surfaces.
Operating Frequency	125 kHz and 13.56 MHz
Interface	USB, Serial RS-232 (ASCII serial), Ethernet (Ethernet Industrial Protocol, Modbus, TCP/IP)
SDK available for writing apps to the reader	Yes

PHYSICAL CHARACTERISTICS (Reader only)

Dimensions	Height 4.3" (10.9 cm) Width 2.5" (6.35 cm) Length .35" (.89 cm)
Weight	2.5 ounces (71 g)
Housing Color	Black or White
Cable Length	Various (contact sales for details)
Indicators	LED indicator; Adjustable beeper volume (off, low, medium, high)
Power Supply	USB Self-powered; PoE; Serial RS-232; Contact RF IDEas sales for Serial RS-232 power supply options.
Power Consumption	70 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 <i>(Please contact RF IDEas for information about other global certifications)</i>	FCC-United States; CE Mark-Europe; RCM-Australia; IC-Industry Canada; UL Environmental: RoHS, REACH
Compatible Operating Systems	Windows XP®, 7®, 8®, 10® and Linux Ubuntu 12.04
Configuration Utility	pcProx Configuration Utility available on RF IDEas support page
Card Types	Supports nearly all card types worldwide. Visit www.rfideas.com/pcprox-plus-card-types for a full list of supported card types.



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