Single Badge Solutions for Identification and Access

pcProx® Plus IP67

Dual-frequency proximity and contactless Surface Mount card reader for identification and enrollment

Overview

The RF IDeas pcProx Plus IP67 reader line is certified with an IP67 compliant rating that ensures any machine equipped with a pcProx IP67 surface mount reader will meet the requirements for complete protection against the ingress of dust, as well as water—at a depth of one meter for up to thirty minutes.

Just as the standard pcProx Plus, the pcProx Plus IP67 surface mount reader combines proximity and contactless technologies into one reader, allowing it to read both 125 kHz cards and 13.56 MHz smart cards. With the simple tap of an access badge, the reader eliminates the need for manual entry and provides error-free identification and security throughout the workplace.

The plug-n-play reader comes with flash memory, allowing users to quickly configure the output to meet their needs. With its dual-frequency multi-technology, the pcProx Plus is highly configurable and capable of simultaneously handling any two of the available technologies.

As a card and badge enroller or reader, it emulates a keyboard to keystroke the card's data to the cursor's location in an application. The reader can be configured to add keystrokes and commands before or after the card's data. The EtherNet/IP equipped models interface seamlessly with Allen-Bradley RS Logix 5000 (or higher) software.

Applications

Operator ID
PLC & Embedded Controllers
Manufacturing

Attendance Management
Meeting Attendance
Visitor Management

PC/LAN Access Control
Application Log-On

Physical Access

Dispensing
Tool Crib Access

Rockwell Automation
Encompass™
Product Partner

EtherNet/IP™

ODVA

Features

Easy Interface and Protocol: EtherNet/IP equipped models interface seamlessly with Allen-Bradley RS Logix 5000 (or higher) software. Since there is no driver software to deploy, the plug-n-play reader design is easy to integrate into existing applications. The USB model connects directly to a USB port and can be configured to send data as keystroking, non-keystroking or serial ASCII.

Compatibility: Compatible with ACP Thinmanager, Thin Clients, Windows CE®/2000®/XP®/ Vista®/7®, Mac OS and Linux (Free configuration software requires Windows® operating system.)

Versatile Mounting Options: The Surface Mount (shown on front) can be easily mounted on control panels, kiosks, walls and other indoor applications. Other available form factors allow for easy, unobtrusive placement.

Supported Cards

pcProx 125 kHz

AWID	Cardax*
CASI-RUSCO®	Deister*
DIGITAG	EM 410x
Farpointe Data	GProx™ II*
HID® Prox	HiTag 1, S & 2
Indala® (Motorola)	ioProx™ (Kantech)
Keri NXT	Keri*
Nexwatch (Honeywell)	Pyramid
Radio Key®	ReadyKey Pro*
Secura Key	Rosslare
Russwin*	GE Security

*Unique ID

pcProx 13.56 MHz

iCLASS® SE™	iCLASS ID
iCLASS CSN	NFC CSN Type 2/4
I-Code CSN	I-tag CSN
ISO 14443A CSN[1]	ISO 15693 CSN
MIFARE CSN	MIFARE Ultralight CSN
my-d CSN	DESFire CSN
Tag-It CSN	eTag CSN
Advant CSN (Legic)	

[1]Select NFC credentials

For a full list of supported cards, visit our website www.RFIDeas.com

Please feel free to call, email or visit our website for a full list of applications, products, configuration options, supported cards and form factor specifications. Our website includes application videos, support materials, case studies and detailed information about our product line.

RFIDEAS

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Specifications

Operating Frequency: Both 125 kHz & 13.56 MHz

Typical maximum read range:
125 kHz:
1.0" – 3.0" (2.5 – 7.6 cm) dependent upon proximity card type and environmental conditions

13.56 MHz:
2.0" – 4.0" (5.0 – 10.0 cm) with PVC ID cards ;
1.0" – 1.5" (2.5 – 3.8 cm) with labels or tags ;
1.0" – 2.0" (2.5 – 5.0 cm) with MIFARE card

Current Consumption: USB Units - Typical 70 mA, max 100 mA; Serial Units - Typical 75 mA, max 110 mA

Dimensions: 4.3" x 2.5" x 0.35" (10.9cm x 6.35cm x 0.89cm)

Weight: 2.6 oz. (73.70g)

Housing Color: Black or White

Mounting: To achieve IP67 compliance, the IP67 Installation Guide included in your product box must be followed.

Cable Length: 13 inches (Custom Lengths Available)

Indicators: Tri-state LED, dual tone beeper

Power Supply: USB Self-powered; PoE; Serial RS-232: several power options exist

Interface: USB, Serial RS-232, Ethernet

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)

Certifications: FCC, United States; CE Mark, Europe; C-TICK, RoHS, Industry Canada, UL, REACH, RoHS, KC Korea, VCCI Japan, SRRC China, CITC S. Arabia, IFETEL Mexico, ANATEL Brazil, IDA Singapore - Call for new additions

Warranty: One year for material/workmanship defects; see complete policy for details.

Additional Products and Accessories

pcProx Plus Desktop Reader

pcSwipe (Magnetic Stripe Card Reader)

pcProx Sonar

Prox Mat