pcProx® Plus Enroll

Dual-frequency Reader for Human-Machine Interface and Programmable Controllers

Overview

The RF IDeas pcProx Plus is a cutting-edge card reader that combines proximity and contactless technologies into one reader. It's capable of reading both 125 kHz proximity cards and 13.56 MHz contactless cards. With the simple tap of an access badge, the pcProx Plus eliminates the need for manual entry and provides error-free identification and secure access throughout the workplace. The reader allows users to use their building access card (or tags/labels) for other forms of identification, such as operator identification.

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

Easy Interface and Protocol:
- The pcProx Plus USB readers are pre-configured for FactoryTalk View Machine Edition software. They connect directly to a USB port.
- EtherNet/IP equipped models interface seamlessly with Allen-Bradley RSLogix™ software. Since there is no driver software to deploy, the plug-n-play reader design is easy to integrate into existing applications.

Applications

Manufacturing
Operator ID

Compatibility

Compatible with FactoryTalk™ View Machine Edition and RSLogix software from Rockwell Automation.

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	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

pcProx Plus Product Images

pcProx Plus Desktop

pcProx Plus EtherNet/IP

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

Single Badge Solutions for Identification and Access

Specifications

Operating Conditions

Operating Frequency:	Both 125 kHz and 13.56 MHz
Typical Read Range:	<u>125 kHz:</u> 1.0" – 3.0" (2.5 – 7.6 cm) dependent upon proximity card type and environmental conditions <u>13.56 MHz:</u> 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

Physical Characteristics

Dimensions:	Surface Mount: 4.3" x 2.5" x 0.35" (10.9cm x 6.35cm x 0.89cm) Desktop: 3.4" x 2.0" x 0.6" (8.6cm x 5.1cm x 1.5cm)
Weight:	Surface Mount: 2.6 oz. (73.70g) Desktop: 4.0 oz. (113.39g)
Housing Color:	**USB:** Surface Mount/IP67 - Black or Gray Desktop - Black **Ethernet/IP**: Surface Mount/IP67/Desktop - Black
Mounting Options:	Surface mount housing can be easily mounted on panels, kiosks, and other indoor applications. It is designed for mounting with 1" #8 screws only (not included), at a maximum force of 6.25 in/lbs. Desktop reader has an articulated cable for easy placement on desktops, counters, and more. The IP67 compliant readers must be installed according to the installation guide (enclosed with all units).
Standard Cable Length(s):	Surface mount USB: 13 inches Desktop USB: 6 feet Ethernet: 3 feet Custom lengths also available
Indicators:	Tri-state LED, beeper
Power Supply:	USB self-powered; EtherNet/IP PoE

Environmental Usage

Operating Temp Range:	-22° to 150°F (-30° to 65°C)
Operating Humidity Range:	5% to 95% relative humidity, non-condensing
Storage Temp Range:	-40° to 185°F (-40° to 85°C)
Dust and Water Intrusion:	IP67 Compliant

General Information

Certifications:	FCC, United States; CE Mark, Europe; C-TICK, Australia/New Zealand; RoHS, Industry Canada, ISO, UL
Warranty:	One year for material/workmanship defects; see complete policy for details.