

## pcProx<sup>®</sup> Card Analyzer

**Intelligent portable Card Analyzers for determination of proximity & contactless smart cards**



### Overview

The pcProx 125 kHz and pcProx 13.56 MHz Card Analyzers are intelligent portable tools used for identifying a proximity and contactless smart card's compatible reader. The Card Analyzers identify the card technology being used and determine the compatible RF IDEas readers.

These Card Analyzers help users, solutions providers, and hardware/software integrators to quickly and accurately determine the card technology currently in use. They report the compatible RF IDEas reader part number, card size, and ID in hexadecimal format. Like RF IDEas' pcProx Enroll readers, the Card Analyzers support more than 38 different card types for over 300 million physical access cards worldwide.

The Card Analyzers check across all supported cards and send the results as keystrokes to a text editor, such as Microsoft<sup>®</sup> Notepad. The analyzers do not require any software and are compatible with nearly all computer operating systems that support USB keyboard devices.

The pcProx Card Analyzers are designed in a USB dongle form factor for compactness and portability. Each version is also color-coded in translucent housings to distinguish them from each other. A kit is available that includes one pcProx 125 kHz and one pcProx 13.56 MHz Card Analyzer to ensure card identification regardless of frequency.

**Note:** The pcProx 13.56 MHz Card Analyzer is not able to secure sector or page reads. RF IDEas offers pcProx Writers and Playback readers that can perform sector/page reads. Please see pcProx 13.56 MHz Readers for sector/page reader details.

### Benefits

- On-site identification of proximity or contactless card technology
- Verification of card function
- Determination of compatible RF IDEas readers

# pcProx Card Analyzer

## Features

**Easy interface:** The units connect directly to USB ports and send card type and ID data in hex, as keystrokes.

**Compatibility:** Compatible with computers supporting USB keyboards running Windows CE®/2000®/XP®/Vista®/7®, Linux, and Macintosh®.

## pcProx 125 kHz Supported Cards—Partial List

AWID	*Cardax
Casi-Rusco®	*Deister
EM410X/Rosslare	HID®
*Hitag 1, S	*Hitag 2
Honeywell Nexwatch	*Keri Systems
*IDTECK/RF Logics	Indala® 26 bit
Kantech ioProx™	*ReadyKey Pro

## pcProx 13.56 MHz Supported Cards—Partial List

14443A CSN	MIFARE® DesFire CSN
15693 CSN	*Felica
iCLASS® CSN	MIFARE® CSN

\*Unique identifier, not door access ID number

## Output

Below is a representation of an HID® format output. Other formats will have different models displayed.

```
Readers compatible with this card:
RDR-6081AKU Black Reader
RDR-6081APU Pearl Reader
KT-6081AKU Black Reader w/mounting kit
KT-6081APU Black Reader w/mounting kit

Card Size/Data: 26 Bits/0x3F9CDEE
.....
Analysis Complete
Press scroll Lock or Caps Lock to atart analysis.
```

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.



Single Badge Solutions for Identification and Access

## Specifications

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

**Dimensions:** 2.875" x 1.0"

**Weight:** 0.5 oz (14.17g)

**Power supply:** USB powered

**Transmit frequency:** 125 kHz for proximity pcProx Card Analyzer (Red), 13.56 MHz for contactless Card Analyzer (Blue)

**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)

**Colors:** Translucent Red, Translucent Blue

**Indicators:** Tri-state LED, beeper

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

**Certifications:** FCC, United States; CE Mark Europe, C-tic Australia, RoHS

## Part Numbers

### Card Determination Readers

Type	Part Number
125 kHz	RDR-6XD8ARU
13.56 MHz	RDR-7XD8ABU
Kit	KT-CARDANALYZER

Kit includes one pcProx 125 kHz Card Analyzer and one pcProx 13.56 MHz Card Analyzer.

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