

pcProx[®] 125 kHz & AIR ID[®] 13.56 MHz Card Analyzer



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

Overview

The pcProx 125 kHz and AIR ID 13.56 MHz Card Analyzer line of products are intelligent portable tools for determining the manufacturer and/or card technology and optionally analyzing the card's data and format of virtually any type of proximity and contactless smart card.

These Card Analyzers help users, solutions providers, and hardware/software integrators quickly and accurately determine what card technology is currently in use. Like RF IDEas' pcProx Enroll and AIR ID Enroll readers, the Card Analyzers support more than 30 different card types and hundreds of millions of cards in use worldwide.

In the card determination mode, the card analyzer checks across all known card technologies supported and sends the results as keystrokes to a text editor such as Microsoft's NotePad.EXE. No software is required. They are also designed to work with the soon to be released optional Windows Card Analyzer software application, providing deeper analysis into card's data and format. The analyzer devices are compatible with nearly all computer operating systems that support USB keyboard devices.

The pcProx and AIR ID Card Analyzer line is designed in the USB Dongle form factor for compactness and portability. Each version is also color coded in translucent housings to distinguish them from each other as well as from RF IDEas standard card readers. A kit is available that includes one pcProx 125 kHz and one AIR ID 13.56 MHz Card Analyzer to ensure card identification regardless of frequency.

Applications

- On-site identification of proximity or contactless card technology
- Verification of card function
- Analysis of card data

Card Analyzers

Features

Easy interface: The USB models connect directly to USB ports and sends card type and the ID data in hex as keystrokes.

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

Supported Cards—pcProx 125 kHz Card Analyzer, *Partial List*

HID
Casi
Indala 26 bit
Pyramid
Kantech ioProx
AWID
ID TECK/RF LOGIC
Cardax
Deister
EM/Rosslaire
G-Prox II
Hitag
Keri 26 bit
NexWatch
SecuraKey

Supported Cards—AIR ID 13.56 MHz Card Analyzer, *Partial List*

ISO 14443A (32, 56, 80 bits)
ISO 15693A (A format, 64 bits)
ISO 15693B (B format, 56 bits)
ISO 15693B (C format, 48 bits)
HID iCLASS (64 bits CSN)
Felica
Legic Standard

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

RFID EAS

Single Badge Solutions for Identification and Access

4238 B Arlington Heights Rd. #244
Arlington Heights, IL 60004
Sales@RFIDeas.com

Toll Free: 866-439-4884
Phone: 847-870-1723
Fax: 847-483-1129

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 and interface: USB self-powered

Indicators: Tri-state LED, beeper

Transmit frequency: 125 kHz for pcProx Card Analyzer, 13.56 MHz for AIR ID Card Analyzer

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)

Interface: USB Dongle

Colors: Translucent Red, Translucent Blue

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

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

Part Numbers

Card Determination Readers

Type	Part Number
125 kHz	RDR-6XD8ARU
13.56 MHz	RDR-7XD8ABU
Kit	KT-CARDANALYZER
Optional Deep Analysis Software	Available Q2 2010

Kit include one pcProx 125 kHz Card Analyzer and one AIR ID 13.56 MHz Card Analyzer.

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