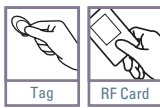*PSK Format*
Proximity Card & Key Tag

IDC80/IDC170
IDK50/IMC125
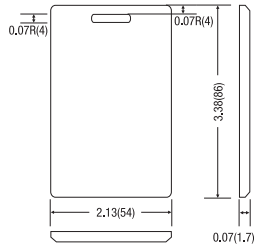# LXK50
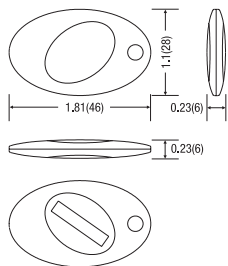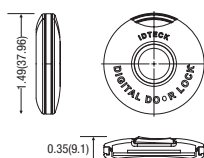
Tag   RF Card

Star
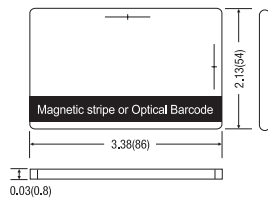
KEY Features

• ISO Credit Card Size and Thickness (IDC80)
• User format available
• 125KHz / Passive Type
• Combination available with Magnetic Stripe (IDC80)
• Printing Company Logo with Graphic (IDC80 Front & Rear)
• Key Tag (IDK50 / LXK50) & Key Holder (LXK50)
• MiniProx Sticker Tag (IMC125)
• Easy to attach on Personal Belongings using IMC125
                        (MS / Barcode Card, Wallet, PDA, Cell Phone)
• PRG1000 Proximity Card Programmer:
   Device for writing user's unique format into Proximity Card
• Red color LED Indicators (LXK50)
• Options: Magnetic Stripe (High Coercivity – IDC80)

inch(mm)

IDC80

2.13(54)
Magnetic stripe or Optical Barcode
3.38(86)
0.03(0.8)

IDC170

0.07R(4)   0.07R(4)
3.38(86)
2.13(54)
0.07(1.7)

IDK50

1.1(28)
1.81(46)   0.23(6)
0.23(6)

IMC125

1(25)

LXK50

1.49(37.96)
IDTECK DIGITAL DOOR LOCK
0.35(9.1)

IDC80   IDC170   IDK50   IMC125   LXK50

Specifications

Model		IDC80	IDC170	IDK50	IMC125	LXK50
Frequency		125KHz				
Read Range	RF10/20/TINY RFK101	Up to 4 inch (10cm)		Up to 2 inch (5cm)		
	RF30	Up to 12 inch (30cm)		Up to 6 inch (15cm)		
	RF70	Up to 18 inch (45cm)		Up to 8 inch (20cm)		
	RFL200 RFL200C	Up to 4 inch (10cm)		Up to 2 inch (5cm)		
	100R	Up to 4 inch (10cm)		Up to 2 inch (5cm)		
	505R	Up to 4 inch (10cm)		Up to 2 inch (5cm)		
	FINGER007 FINGER006	Up to 4 inch (10cm)		Up to 2 inch (5cm)		
	FGR006/007	Up to 4 inch (10cm)		Up to 2 inch (5cm)		
	FACE006/007	Up to 4 inch (10cm)		Up to 2 inch (5cm)		
Encoding		Compatible with PSK type of 125KHz				
Graphics		Customized Color available				N/A
Color	Card Holder	Transparency		N/A		Silver
	Card	White				Silver
Operating Temperature		-30° to +65°C(-22° to +149°F)				
Operating Humidity		10% to 90% relative humidity non-condensing				
Weight		5.5g (0.01lbs)	9g (0.02lbs)	4g (0.01lbs)	2g (0.005lbs)	17g (0.037lbs)
Material	Card Holder	Polycarbonate				SUS
	Card	PVC	ABS	ABS	PVC	PC

Proximity / Smart Card

ISO Prox

• 125KHz Proximity Chip

Smart ISO Prox

• 125KHz Proximity Chip
• Contact Smart Chip (optional)

Contactless Smart Card

• 13.56MHz Contactless Smart Chip
• 125KHz Proximity Chip

Duo Prox

• 125KHz Proximity Chip
  with Magnetic Strip

Smart Duo Prox

• 125KHz Proximity Chip
  with Magnetic Strip
• Contact Smart Chip (optional)

Contactless Smart Card

• 13.56MHz Contactless Smart Chip
• 125KHz Proximity Chip
• Contact Smart Chip (optional)

Proximity Reader Selection Guide

Proximity Reader Series			RF10/ RF20	RF TINY	RF30	RFK101	RFK505
Common Features							
Frequency			125KHz	125KHz	125KHz	125KHz	125KHz
26bit Wiegand Output Format			Yes	Yes	Yes	Yes	Yes
ABA Track II Output Format			Yes (optional)	Yes (optional)	Yes (optional)	Yes (optional)	Yes
RS232 Output Format			Yes (optional)	Yes (optional)	Yes (optional)	Yes (optional)	Yes
External LED Control			1ea	1ea	1ea	1ea	1ea
External Buzzer Control			1ea	1ea	1ea	1ea	1ea
Dual Reading Technology (Passive / Active)			Yes	Yes	Yes	Yes	Yes
Reverse Polarity Protection			Yes	Yes	Yes	Yes	Yes
LED Indicator			Yes	Yes	Yes	Yes	Yes
Beeper			Yes	Yes	Yes	Yes	Yes
Difference Features							
Read Range	Passive Type	IDC80	4" (10cm)	4" (10cm)	12" (30cm)	4" (10cm)	4" (10cm)
		IDC170	4" (10cm)	4" (10cm)	12" (30cm)	4" (10cm)	4" (10cm)
		IDK50	2" (5cm)	2" (5cm)	6" (15cm)	2" (5cm)	2" (5cm)
		IMC125	2" (5cm)	2" (5cm)	6" (15cm)	2" (5cm)	2" (5cm)
	Active Type	IDA150	12" (30cm)	12" (30cm)	3.3 feet (1m)	12" (30cm)	12" (30cm)
		IDA200	15" (40cm)	15" (40cm)	4 feet (1.2m)	15" (40cm)	15" (40cm)
Solid Epoxy Potted			Yes	Yes	N/A	N/A	N/A
Waterproof (IP65 / IP66)			Yes	Yes	Yes	N/A	N/A
Indoor / Outdoor Operation			Yes	Yes	Yes	N/A	N/A
Metal Door Frame			Yes	Yes	Yes	N/A	N/A
Mullion			Yes	Yes	Yes	N/A	N/A
Wall Mount			N/A	No	N/A	Yes	Yes
Tamper Switch			N/A	N/A	N/A	Yes	Yes
LCD			N/A	N/A	N/A	N/A	Yes
Keypad			N/A	N/A	N/A	Yes (with Back Lighting)	Yes (with Back Lighting)
Options							
Supervisory Signal			Yes	Yes	Yes	Yes	Yes