Proximity Card
IDC80/IDC170/IDK50

Key Features

- ISO Credit card size and thickness of IDC80
- Easy printing on both sides of IDC80
- Customized format available
- Wiegand format
- ABA Track II magstripe format
- Passive Type
- Easy to carry
- Any Combination available with magnetic stripe and IC chip
- High Durability

General

For IDC80 is a very thin, truly credit card thickness (0.8mm) of contactless proximity card and it has very flat surface to apply any photo ID on both sides of card. IDC80 has 2 punch hole marks on the back side and can also be slot punched either vertically or horizontally and also available with a Magnetic Stripe and smart chip for use with other systems. For IDC170 is credit card size (1.7mm) of contactless proximity card and it has very flexible and light enough to be carried in a purse or wallet and it has vertical slot punch and can also accept photo-flap and direct-print adhesive backed ID badge overlays.

For IDK50 is very small size of contactless proximity key tag and light enough to be carried (only 4 grams) and it has a hole for attachment to any key ring or chain. IDC80, IDC170&IDK50 are preprogrammed at the factory with IDTECK's unique encryption code and it has very flexible data format to meet any customer's requirement and any OEM format up to 64 bit ID is also available. It can be supplied without code and customer can write their unique code by using STAR PGM1000 Programming Devices with Programming software.

Specifications

Read Range	IDC80	IDC170	IDK50
RF10	Up to 4 inch (10cm)	Up to 4 inch (10cm)	Up to 2 inch (5cm)
RF20	Up to 4 inch (10cm)	Up to 4 inch (10cm)	Up to 2 inch (5cm)
RF TINY	Up to 4 inch (10cm)	Up to 4 inch (10cm)	Up to 2 inch (5cm)
RF30	Up to 12 inch (30cm)	Up to 12 inch (30cm)	Up to 6 inch (15cm)
RFK101	Up to 4 inch (10cm)	Up to 4 inch (10cm)	Up to 2 inch (5cm)
100R	Up to 4 inch (10cm)	Up to 4 inch (10cm)	Up to 2 inch (5cm)
505R	Up to 4 inch (10cm)	Up to 4 inch (10cm)	Up to 2 inch (5cm)
Finger007	Up to 4 inch (10cm)	Up to 4 inch (10cm)	Up to 2 inch (5cm)
Material	PVC	ABS Plastic	ABS Plastic
Operating Temperature	-22°F to 149°F (-30℃ to +65℃)		
Coding	(26Bit) Wiegand, ABA Track II magstripe		
ID Marking	Encoded number can be permanently marked		
Size(W x L x T)			
IDC80	2.13 x 3.38 x 0.03 inch (54 x 86 x 0.8 mm)		
IDC170	2.13 x 3.38 x 0.07 inch (54 x 86 x 1.7 mm)		
IDK50	1.81 x 1.1 x 0.23 inch (46 x 28 x 6 mm)		
Color IDC80	White both side		
IDC170	White(Front), Beige(Rear)		
IDK50	Black, White, Gray		
Weight IDC80	5.5g (0.01 lbs)		
IDC170	9g (0.02 lbs)		
IDK50	4g (0.01 lbs)		

Dimensions

STAR IDC170   STAR IDK50   STAR IDC80

Inch(mm)