

RFID Cards & Keyfobs

***Low and high frequency
technologies in a range of styles
and packages***



Axxess Identification offers a complete range of contactless smart cards, tags, keyfobs & wristbands for an array of applications including access control, time and attendance, asset protection, leisure and membership clubs.

Single, double or triple technologies can be combined in a single PVC card for a whole host of different applications and organisations with multiple reading technologies. These cards are especially useful for those migrating from one technology to another—eg changing readers from magnetic stripe to proximity or Mifare.

Product Features

- Low frequency—125kHz
- High frequency—13.56MHz
- Triple technology in a single card—125kHz, 13.56MHz & magnetic stripe
- Choice of technologies—EM Marin, Temic, Philips
- Range of packaging styles—cards, keyfobs, wristbands, keytag, disc tag to suit the application

Additional Services

Card and keyfobs are supplied unprinted and unencoded for your own in-house printing and encoding purposes. Axxess ID also offers a full encoding and printing facility with the ability to add your very own customised features—please contact us with your exact requirements.

Not sure what type of card technology you have? For a small fee Axxess ID can analyse your cards or keyfobs and provide you with the data—the fee is refundable if an order for the cards is subsequently placed.

Proximity Specifications / Technical Data— Low & High Frequency

Low Frequency 125kHz	IC Manufacturer	Memory	Type
TK4100	EM Marin	64 bits	R/O
EM4100	EM Marin	64 bits	R/O
EM4102	EM Marin	64 bits	R/W
EM4450	EM Marin	1K byte	R/W
Hitag 1	Philips	2048 bits	R/W
Hitag 2	Philips	256 bits	R/W
Hitag S256	Philips	2048 bits	R/W
Hitag S2048	Philips	2048 bits	R/W
Temic 5567	Atmel	330 bits	R/W

High Frequency 13.56Mhz	IC Manufacturer	Memory	Type	ISO Standard
Mifare 1 S50	Philips	1K byte	R/W	14443A
Mifare 1 S70	Philips	4K byte	R/W	14443A
Desfire MF3ICD41	Philips	4K byte	R/W	14443A
Mifare Ultralight	Philips	512 bits	R/W	14443A
Icode 1	Philips	512 bits	R/W	Icode 1
Icode SL1 SL2	Philips	1024 bits	R/W	15693
Ti256	TI	256 bits	R/W	15693
Ti2048	TI	2048 bits	R/W	15693

Dual / Triple Technology PVC Cards

IC	Mifare 1 S50	Mifare 1 S70	Icode Sli SL2	Ti2048	Magstripe 4000Oe option
TK4100	✓	✓	✓	✓	●
EM4100	✓	✓	✓	✓	●
T5567	✓	✓	✓	✓	●

	Package Style	Technical Data
	Clamshell Card	Dimensions: 86 x 54 x 1.8mm Weight: 9g +/- 0.5g Material: ABS (shell), matt PVC (front) Colour: white Optional: serial number printing
	ISO PVC Card	Dimensions: 86 x 54 x 0.8mm (+/- 0.04mm) Weight: 5.8g +/- 0.5g Material PVC Colour: white Suitable for dye sublimation printing Optional: serial number printing, magnetic stripe
	Keyfobs	Dimensions: 38.6 x 34.5 x 6.5mm Weight: 5g Material: ABS (shell), steel, iron & zinc alloy (keyring) Colour: grey Serial number: ink-jet printed as standard Optional: logo printing
	Keyfobs	Dimensions: 46 x 28 x 5mm Weight: 8g +/- 0.5g Material: ABS (shell) steel, iron & zinc alloy (keyring) Colour: red, black, yellow, blue, grey, green Optional: serial number printing
	Keytag	Dimensions: 52.2 x 28.6 x 1.2mm Weight: 2g Material: PVC Colour: white Optional: serial number printing
	Disc Tag	Dimensions: Ø25mm 1mm thick Weight: 1g Material: PVC Colour: white Optional: serial number printing, self-adhesive reverse
	Disc Tag	Dimensions: Ø25mm 0.7mm thick Weight: 1g Material: clear PVC Colour: clear Optional: serial number printing, self-adhesive reverse
	Wristband	Dimensions: Ø65mm 2mm thick Weight: 9g +/- 0.5g Material: silicone (IC encapsulated in epoxy) Colour: white, red, blue, black, green

HID Products

Axxess Identification is a distributor of the full range of products from HID Global.
Please contact us for additional information or assistance.

HID Proximity 125kHz	Description
1391 MicroProx Tag	HID Proximity Adhesive Tag
1386 ISOProx II Card	ISO-Thin, Imageable HID Proximity Access Card
1336 DuoProx II Card	ISO-Thin, Imageable HID Proximity Card with Magnetic Stripe
1597 Smart ISOProx II Card	Contact Smart Chip Embeddable
1598 Smart DuoProx II Card	Multi-Technology Card with Magnetic Stripe, Contact Smart Chip Embeddable
16-9 ProxCARD Plus	HID Proximity Card with Wiegand
1346 ProxKey II	HID Proximity Key Fob
1326 ProxCARD® II Clamshell Card	Value Priced HID Proximity Card
1351 ProxPass® II Active Tag	Long Range Proximity Tag for Vehicle Access Control

iCLASS Contactless - 13.56MHz	Description
200X iCLASS Card	For Direct Image & Thermal Transfer
202X iCLASS Prox Card	13.56 MHz iCLASS Card with 125 kHz HID Proximity
213X iCLASS Embeddable Card and iCLASS Prox Embeddable Card	iCLASS Card with or without 125 kHz HID Proximity and an Optional Contact Smart Chip Module
204X iCLASS Wiegand Combo Card	13.56 MHz Contactless Smart Card with Wiegand
205X iCLASS Key	Convenient 13.56 MHz Contactless Smart Key
206X iCLASS Tag with Adhesive Back	Tag with Adhesive Back
2080 iCLASS Clamshell Card	Value Price 13.56 MHz Contactless Smart Card

Indala Proximity - 125kHz	Description
Indala FlexKey Keytag	RF-Programmable Proximity
Indala FlexCARD®	Proximity Clamshell Card
Indala FlexTag™ with Adhesive Back	Tag with Adhesive Back

FlexSmart® Series MIFARE® / DESFire® -13.56 MHz	Description
1430 MIFARE® ISO Card	13.56 MHz MIFARE, ISO Thick, Photo Imageable
1431 MIFARE® / HID Prox Combo Card	ISO Thick, Photo Imageable, MIFARE plus HID Prox
FPMXI MIFARE® / Indala® Prox Combo Card	13.56 MHz ISO Thick, Photo Imageable MIFARE plus Indala Prox
1434 MIFARE® Keyfob	13.56 MHz Contactless KeyFob
1435 MIFARE® 13.56 MHz Adhesive Tag	Tag with Adhesive Back
1450 DESFire® ISO Card	13.56 MHz Photo Imageable DESFire Card
1451 DESFire® / HID Prox Combo Card	13.56 MHz ISO Thick, Photo Imageable DESFire plus HID Prox
FPDXI DESFire® / Indala® Prox Combo Card	13.56 MHz ISO Thick, Photo Imageable DESFire plus Indala Prox
1454 DESFire® Keyfob	13.56 MHz Contactless Fob
1455 DESFire® Tag	Tag with Adhesive Back



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