



uTrust Proximity Credentials

Simple, Contactless Physical Access Control



Hirsch's uTrust Proximity Credentials provide an efficient, reliable, and cost-effective solution to existing or new physical access control systems.

From enterprise to government, Hirsch's uTrust Proximity Credentials enable access for employees, temporary workers, and visitors.

These generic credentials (available in credit card format, key fobs, wristbands, and round stickers) boast consistent read range and reliability and offer universal compatibility with today's most popular brands, making integration a simple process.

uTrust Proximity Credentials feature reliable 125 kHz low-frequency (LF) contactless technology and can be delivered already programmed with a variety of data formats and

encoding commonly used in the physical access control system (PACS) industry. Proximity credentials are designed to be compatible with a large set of PACS systems on the market, including Hirsch, HID Prox, Casi-Rusco, Indala, AWID, and Kantech.

uTrust Proximity Credentials utilize the market's most popular proximity credential technologies and can be encoded in numerous Wiegand data formats. For more information, please refer to the Credential Order Form.

Guaranteed

- Lifetime warranty with prompt, courteous, and fast customer service
- Meet or exceed existing card performance at lower cost

Simple and Cost-Effective







- Easily integrates with existing card populations
- No additional charge for printing serial numbers/facility codes

Customizable

- Optional high-quality, four-color artwork for ISO cards and clamshell
- Available in PVC or long-life composite (60% PVC and 40% PET)

Easy Migration

- HICO magnetic stripe option (three-track, ISO/IEC 7811-6; default black), and/or combined with 13.56 MHz HF (e.g., MIFARE Classic or MIFARE DESFire), and/or 900 MHz UHF

	Clamshell	ISO Card (PVC/Composite) with Mag Stripe Option	Key Fob	Round Sticker	Round Tag On Metal (TOM) Sticker	Wristband
						
Material	Hard Shell: ABS Cover Label: PVC	PVC or Composite	ABS Plastic	PVC/Adhesive backing	PVC / Ferrite / Adhesive backing	Silicone
Dimensions	3.37 x 2.125 x 0.075 in (85.6 x 54 x 1.9 mm)	3.37 x 2.125 x 0.033 in (85.6 x 54 x 0.84 mm)	2.18 x 1.23 x 0.32 in (55.4 x 31.2 x 8.13 mm)	Diameter: 1.278 in (32.5 mm)	Diameter: 1.58 in (40 mm)	Semi circle top head: 25mm (0.98 in) / 50mm long (1.97 in) Inner diameter: 70mm (2.76 in) 60mm (2.36 in) 55mm (2.17 in)
Weight	0.32 oz (8.9 g)	0.212 oz (6 g)	0.15 oz (4.3 g)	0.045 oz (1.3 g)	0.06 (1.8 g)	0.388 oz (11 g)
Read Range	Up to 5 in (127 mm)	Up to 2.5 in (63.5 mm)	Up to 2 in (50.8 mm)	Up to 2.4 in (61 mm)	Up to 2.5 in (63.5 mm)	Up to 1.25 in (31.8 mm)
Slot Punch	Vertical	Vertical or Horizontal	Keyhole Ring	None	None	None
Operating Temperature	-49° to 158° F (-45° to 70° C)					
Custom	Most proximity credentials can be printed with custom graphics for an additional charge. Camera-ready artwork required. Set-up fees and minimum order quantities may apply. Please consult with your sales representative.					
Hirsch Part Numbers	4000	4010 (PVC) 4020 (Comp) 4030 (PVC + MS) 4032 (Comp + MS)	4082	4090	40-042-TOM-LF-STICK-001	4096 70mm, White - no logo 4096-BLACK-001 70mm, Black - no logo 4097 60mm, White - no logo 4097-BLACK-001 60mm, Black - no logo 4098 55mm, White - no logo 4098-BLACK-001 55mm, Black - no logo
Hirsch Part Numbers for Kantech	4000XSF	4010XSF, 4020XSF, 4030XSF, 4032XSF	4082XSF	4090XSF	By request	4097XSF 60mm, White - no logo 4097XSF-BLACK-001 60mm, Black - No logo 4098XSF 55mm, White - no logo 4098XSF-BLACK-001 55mm, Black - No logo
HID® Part Number	1326	1386/1586	1346	1391	N/A	N/A
Schlage / Allegion	7410	7510	7610	7710	N/A	N/A

Supported PACS Formats

26 bit

Also known as H10301, 26 bit is the most commonly used industry standard. The range of card numbers available is limited and the format is “unmanaged”, meaning that there is the potential for card numbers being duplicated in some deployments. This short format provides convenience and universal support in access control solutions.

37 bit

Also known as H10302, 37 bit is another common format. Since this format is “managed”, it’s ensured that the card numbers available are unique and will not be duplicated in any deployment. Before choosing 37 bit, it’s necessary to determine if your physical access control system (PACS) is compatible with or without facility codes.

35 bit or 48 bit

Also known as “Corporate 1000”, 35 bit or 48 bit is designed to allow large end-users to own their own unique format. The customer has absolute control over the manufacture, distribution, and delivery of their specific cards. This particular format ensures that card numbers are always unique and cannot be duplicated, but your PACS must be compatible.

32, 33, 34, 36, and 40 bit

Many varieties, including 32, 33, 34, 36, and 40 bit, are supported by the Hirsch Credentials Team. Please contact your Hirsch Sales Representative directly to verify if your chosen format is currently offered. If not, Hirsch continuously expands its list of supported formats and we are more than happy to develop your required format upon request.

Kantech Part Numbers

Kantech XSF has three fields and is internally referenced as 64K. Please specify in the order:

Extended Family (8 bits=YY),
Family (8 bits=XX), and Card ID
(ZZZZ on 16 bits).