Honeywell

OmniClass™ Credentials

Credentials for Contactless Smart Card Readers

Honeywell's OmniClass™ credentials are designed to work with the OmniClass readers. The OmniClass product line, built on 13.56MHz technology, is RFID based and provides excellent contactless sensing range (up to 4.5").

The OmniClass cards are laminated PVC cards that can be printed on both sides using a dye-sublimation or thermal transfer card printer. They can also be slot-punched on the short side for vertical orientation (portrait).

In addition to OmniClass cards, key fobs and stickers are also available. The rugged, molded key fobs include a slot for use with most key rings or badge clips. The stickers are thin, flat polycarbonate discs that have an industrial adhesive backing. The stickers are non-removable and can be affixed to the back of existing 125kHz proximity, Wiegand or magnetic stripe access cards, non-metallic surfaces of PDA's, cellular phones, briefcases and other personal items.

OmniClass credentials are stocked in popular configurations. Special orders can be placed when the user needs to choose site code and card numbers and custom card orders are also available.

Honeywell can help you create a custom credential that meets your aesthetic and anti-counterfeiting needs. Anti-counterfeiting options include ultra-violet (UV) fluorescent inks, holograms and corporate logos.

FEATURES

- Multi-technology card configurations are available to help plan migrations and support multiple systems such as OmniClass and HID Prox on the same card.
- Available in 2K-bit and 16K-bit sizes. The 2K-bit size is for access only while the 16K-bit size will support access and other applications.
- The ability to program the credentials in the factory or field.
- The ability to locally store biometric templates on the credential to protect privacy, increase system throughput, and eliminate template maintenance time in local readers.
- Custom options include: custom artwork, UV ink, surface or embedded hologram and an added contact smart chip module.
- Upgrade to OmniClass by adding a sticker to existing 125kHz proximity, Wiegand or magnetic stripe cards.

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SPECIFICATIONS

	OmniClass 2K & 16K Bits PVC Cards	OmniClass + HID Prox Cards	OmniClass Embeddable Cards[1]	OmniClass Embeddable + HID Prox Cards[1]	OmniClass + Wiegand Cards[1]	OmniClass Key Fobs	OmniClass Stickers[2]
Dimensions	2.125" W x 3.370" H x 0.030" T (5.4cm W x 8.6cm H x 0.076cm T)				2.125" W x 3.370" H x 0.037" T (5.4cm W x 8.6cm H x 0.094cm T)	1.25" W x 1.35" H (3.2cm W x 3.4cm H) x 0.15" T (0.38cm)	1.285" D x 0.070" T (32mm D x 1.78mm T)
Finish	Gloss White					Black	White
Credential Construction	PVC Laminate					Polycarbonate	Lexan
Max Read Range[3]							
OM30 Mullion	2.0"-3.0" (5.0 - 7.6cm)	1.0"-1.5" (2.5 - 3.8cm)	2.0"-3.0" (5.0 - 7.6cm)	1.0"-1.5" (2.5 - 3.8cm)	2.0"-3.0" (5.0 - 7.6cm)	1.0" (2.5cm)	1.0" (2.5cm)
OM40 US Single Gang	2.5"-4.5" (6.3 - 11.4cm)	1.5"-2.0" (3.8 - 5.0cm)	2.5"-4.5" (6.3 - 11.4cm)	1.5"-2.0" (3.8 - 5.0cm)	2.5"-4.5" (6.3 - 11.4cm)	1.0" (2.5cm)	1.0" (2.5cm)
OM45 Euro/Asian Single Gang	2.0"-3.0" (5.0 - 7.6cm)	1.5"-2.0" (3.8 - 5.0cm)	2.0"-3.0" (5.0 - 7.6cm)	1.5"-2.0" (3.8 - 5.0cm)	2.0"-3.0" (5.0 - 7.6cm)	1.0" (2.5cm)	1.0" (2.5cm)
OM55 Keypad	3.0"-4.0" (7.6 - 10.1cm)	1.5"-2.5" (3.8 - 6.3cm)	3.0"-4.0" (7.6 - 10.1cm)	1.5"-2.5" (3.8 - 6.3cm)	3.0"-4.0" (7.6 - 10.1cm)	1.0"-1.5" (2.5 - 3.8cm)	1.0"-1.5" (2.5 - 3.8cm)
ISO Standards							
ISO 7810	Yes	Yes	Yes	Yes			
ISO 7811-2,4,5	Yes	Yes	Yes	Yes	Yes		
ISO 7816-1,2			Yes	Yes			
ISO 10373-1	Yes	Yes	Yes	Yes	Yes		
ISO 14443B[4]	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ISO 15693	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Operating Temperature	-40° - 158° F (-40° - 70° C)						
Operating Humidity	5-95%, non-condensing						
Warranty	Limited lifetime warranty[5]						

ORDERING

OKP0N26	2K bits PVC Card - 26 bit format
OKP0N34	2K bits PVC Card - 34 bit format
OKP2N26	16K bits* PVC Card - 26 bit format
OKP2N34	16K bits* PVC Card - 34 bit format
OKP2M26	16K bits* PVC + Magnetic Stripe Card - 26 bit format
OKP2M34	16K bits* PVC + Magnetic Stripe Card - 34 bit format
OKH2N26	16K bits* PVC + HID Prox - 26 bit format
OKH2N34	16K bits* PVC + HID Prox - 34 bit format
OKH2M26	16K bits* PVC + HID Prox + Magnetic Stripe - 26 bit format
OKH2M34	16K bits* PVC + HID Prox + Magnetic Stripe - 34 bit format
OKK2N26	16K bits* Key Fob - 26 bit format
OKK2N34	16K bits* Key Fob - 34 bit format
OKS2N26	16K bits* Sticker - 26 bit format
OKS2N34	16K bits* Sticker - 34 bit format

* 16 Application Areas

[1] Offered as custom cards currently.

[2] OmniClass stickers may not be applied to other 13.56MHz smart cards. The RFID from the card and the sticker will interfere with each other if they are both the same frequency.

[3] Actual operating distance will vary depending upon installation environment and proximity to metal.

[4] Only credentials with 16K-bits or more memory are ISO 14443B compliant.

[5] See Honeywell's Sales Policy for complete warranty details.

OmniClass is a trademark of Honeywell International Inc.
HID is a registered trademark of HID corporation.

For more information: www.honeywellaccess.com

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