

HID[®] Amico[™] Biometric Facial Recognition Reader

Unlock a new era of security and convenience

Step into the future of access control with HID Amico, the next-generation facial recognition reader designed to ensure secure, seamless and contactless access, while delivering exceptional value.

Designed for mid-sized buildings and spaces, HID Amico delivers quick and reliable access, making it ideal for a variety of environments.

In addition, HID Amico integrates seamlessly into your existing infrastructure using the global access control standard OSDP, while also supporting Wiegand. This minimizes disruption during installation, and enables a quicker, more cost-effective deployment.

- **Recognition Quality:** accuracy is critical when it comes to facial recognition, especially in high-security environments. HID Amico delivers fast, precise recognition, ensuring smooth entry for authorized personnel, while minimizing false rejections or delays.
- **Feature-Rich Functionality:** addressing the need for stronger protection and flexible access, HID Amico offers five multi-factor authentication options — face, card, PIN, QR code and HID Mobile Access[®] with Wallet support — providing users with secure, convenient entry.
- **Fast and Reliable Access:** speed matters in fast-paced environments, and HID Amico is engineered to offer fast recognition without sacrificing security, making it ideal for high-traffic areas like corporate offices and educational institutions, where delays at entry points can cause bottlenecks.
- **Security and Privacy by Design:** HID Amico meets applicable privacy and security controls, in line with industry best practices and regulatory requirements. In addition, HID Amico offers optional Template on Card, where biometric data is securely stored on the user's credential rather than in a centralized database.
- **Enhanced Security With Multi-Factor Authentication:** when heightened security is necessary, HID Amico supports multi-factor authentication by combining facial recognition with additional authentication methods, such as Mobile, pin or card. This layered approach is ideal for organizations protecting sensitive areas, such as data centers or research facilities, and significantly reduces the risk of unauthorized access.

HID Amico is a reliable, feature-rich reader that enhances security, provides a seamless user experience and improves operational efficiency — making it ideal for mid-sized organizations looking to modernize their access control.



KEY FEATURES:

- Five multi-factor authentication methods (face, card, QR code, pin and HID mobile solutions)
- Supports Wallet credentials
- Powered by Paravision's AI algorithm, ranked in the global Top 10 by NIST
- Face liveness detection and anti-spoofing protection
- Built in intercom functionality on 7"
- Compact design with high-resolution color capacitive touchscreen
- API for OEM software integration
- OSDP and Wiegand support
- IP65 rating

	HID Amico 3.5" VL35LF	HID Amico 7" VL70LF
		
LCD Type	3.5" TFT Color LCD Display with Capacitive Touchscreen	7" TFT Color LCD Display (800x1280) with Capacitive Touchscreen
CPU	1.5 GHz quad-core processor	1.5 GHz quad-core processor
Audio feedback	Buzzer	Buzzer and Speaker, audio line-out
Intercom	N/A	Built-in SIP intercom
Visual feedback	On-screen feedback, multicolor LED indicator / illuminator	On-screen feedback
Operating Temperature	-4°F to 122°F (-20°C to 50°C) 0% ~ 80%, non-condensing	-4°F to 122°F (-20°C to 50°C) 0% ~ 80%, non-condensing
Camera	Two 1080p Full HD cameras (visible light and infrared light)	Two 1080p Full HD cameras (visible light and infrared light)
RTSP	Supported	Supported
Tamper	Supported	Supported
Dimensions (W x H x D)	3.4in x 5.59in x 1.01in (86mm x 142mm x 26 mm) - Terminal 2.05in x 2.05in x 0.86in (52mm x 52mm x 22 mm) - EAM	4.7in x 9.72in X 1.36in (119.4 mm x 247 mm x 34.6 mm) - Terminal 2.05in x 2.05in x 0.86in (52mm x 52mm x 22 mm) - EAM
Weight	12.17oz (345g) Terminal 1.23oz (35g) EAM	33.51oz (950g) Terminal 1.23oz (35g) EAM
Power	12V DC, 2A or PoE	12V DC, 2A or PoE
Power consumption	400mA @ 12V idle, maximum 600mA @ 12V	600mA @ 12V idle, maximum 1A @ 12V
PoE	802.3af PoE (802.31at/PoE+ compatible)	802.3af PoE (802.31at/PoE+ compatible)
Authentication Distance	Up to 9ft 10in (3 m)	Up to 9ft 10in (3 m)
Mounting Height	4ft 7in (1.40m)	4ft 11in (1.5m)
Matching Speed	Within 0.2 seconds	Within 0.2 seconds
Throughput	30 persons per min 1:N	30 persons per min 1:N
Live Face Detection (Anti-Spoofing)	Presentation Attack Detection Supported	Presentation Attack Detection Supported
Minimum light level	0 lux (complete darkness)	0 lux (complete darkness)
HF (13.56 MHz)	Seos® iCLASS iCLASS SE ISO 14443A (MIFARE) CSN ISO 14443B CSN DESFIRE EV1/2/3 **	Seos® iCLASS iCLASS SE ISO 14443A (MIFARE) CSN ISO 14443B CSN DESFIRE EV1/2/3 **
LF (125 kHz)	HID PROX®	HID PROX®
Mobile(2.4Ghz)	NFC, BLE	NFC, BLE
Wallet	Google, Apple***	Google, Apple ***
Template on Card	Seos Secure Identity Object™ (SIO)	Seos Secure Identity Object™ (SIO)
Mobile/Wallet	NFC, BLE	NFC, BLE
	Typical RF Read Range*	
SEOS	0.4in (1cm)	0.4in (1cm)
iCLASS	2.36in (6cm)	2.36in (6cm)
Prox	1.57in (4cm)	1.57in (4cm)
Keypad (PIN)	Supported on TFT LCD	Supported on TFT LCD
QR	Static (ISO/IEC 18004:2015) and dynamic (6238 TOTP) QR supported	Static (ISO/IEC 18004:2015) and dynamic (6238 TOTP) QR supported

Max. User	200,000	200,000
Max. Credential (1:N)	Face: 10,000	Face: 10,000
Max. Credential (1:1)	Face: 100,000 PIN: 100,000 Card: 100,000	Face: 100,000 PIN: 100,000 Card: 100,000
Event Log Capacity	200,000	200,000
Ethernet	1 native 10/100Mbps Ethernet port	1 native 10/100Mbps Ethernet port
RS-485	1 RS-485 port for communication with the external access module or OSDP	1 RS-485 port for communication with the external access module or OSDP
OSDP Protocol	OSDP v2 compliant	OSDP v2 compliant
USB	USB 2.0 available through a USB C connector in the back of the product (service only)	1 USB 2.0 Host
Relay	1 x NO/NC, max. 30VAC/5A (EAM)	1 x NO/NC, max. 30VAC/5A (Terminal) 1 x NO/NC, max. 30VAC/5A (EAM)
I/O	1 x Door Sensor, 1 x Pushbutton (EAM)	3x GPIO (Terminal) 1x Door Sensor, 1x Pushbutton (EAM)
Wiegand	1 x Input, 1 x Output (EAM)	1 x Input, 1 x Output (EAM)
IP Rating	IP65 (excluding EAM)	IP65 (excluding EAM)
Certifications	ANATEL UKCA CE CB IC FCC RoHS	ANATEL UKCA CE CB IC FCC RoHS
Warranty	12 months	12 months

- * Read range listed is statistical mean rounded to nearest whole centimeter. HID Global testing occurs in open air. Some environmental conditions, including metallic mounting surface can significantly degrade read range and performance; plastic or ferrite spacers are recommended to improve performance on metallic mounting surfaces.
- ** EV3 in EV1 Compatibility Mode. Omnikey Reader Manager required to load (MOB and Elite Key) Origo account required
- *** Apple Wallet Certification pending Q2 2025



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