Habitap

One Lead into the Future

Streamline your office access control and visitor management with Habitap ONE Office.

HABITAP ONE OFFICE
Redefine Smart
Living with ONE

WHAT IS HABITAP ONE OFFICE

Habitap One is a cloud-driven platform that brings intuitive smart technology to access management, making it truly seamless with minimal set-up and low cost of entry.

HABITAP ONE OFFICE
Redefine Smart
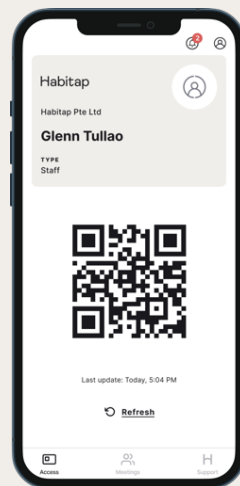Living with ONE

STAFF ACCESS

You can manage both QR and HID credentials on one administration portal, including activating/deactivating access for staff, assigning administrative rights and more. Onboarding staff requires only installation of the Habitap ONE Office app.
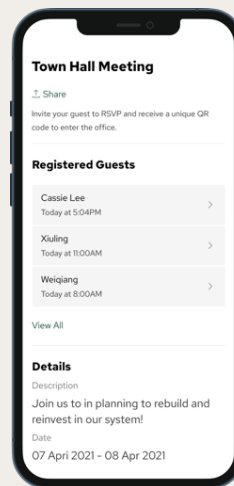
VISITOR ACCESS

With the Habitap ONE Office app, staff can invite visitors ahead of appointments by sending a web-link invite to guests via mobile messaging tools like Whatsapp. Confirmed visitors will receive a QR code used for tapping on the access control point to gain access to your office.

VISITOR WEB INTERCOM

For walk-in visitors, Habitap ONE Office offers an app-based web intercom system whereby the visitor can initiate a video call request upon arrival at the office. You or the designated staff would receive the call on the mobile so you may verify the visitor's identity and remotely unlock the door for entry.

Staff Access   Visitor Access   Visitor Web Intercom

Features

Key Benefits

ONE of a kind

01

Shift to a flexible pay-per-use subscription

Control your expenses and subscription structure according to your number of users and business needs.

02

Control everything in an all-in-one management portal

Manage the ins and outs of access control and pull all information you need from a single platform.

03

Eliminate physical access cards and go fully digital

Go cardless and contactless in the office using dynamic QR code or HID Mobile access.

04

Back up data daily with cloud technology

Protect your data and keep them readily available with automatic scheduled cloud back-up.

05

Maintain compliance with HID-powered access control systems

Stay protected and secure with a platform that complies with all access control systems powered by HID Global.

QR

HID

SGD 5 / USD 3.50 per company employee per month + SGD 800 / USD 600 per hardware reader per door (one-time cost)

SGD 5 / USD 3.50 per company employee per month + SGD 1600 / USD 1200 per hardware reader per door (one-time cost)

Hardware includes a QR controller/ reader, PSU with backup battery, Em lock, break glass and push button

Hardware includes a Habitap BLE card reader, Habitap BLE master controller, Habitap reader interface controller, PSU with backup battery, Em lock, break glass and push button.

What's Included?

What's Included?

Free installation

Free installation

24/7 support

24/7 support

*Minimum contract period of one year

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Prices stated in Singapore dollars are subject to prevailing GST.
Prices stated in USD are subject to 12% VAT.

6   Habitap QR Reader and Wireless Controller

QR CODE SPECIFICATIONS

- Utilises high-performance CPU and operating on Linux system

- 2-inch high-definition IPS screen, resolution 480*360

- Built-in speaker and audio messages library

- Wired Ethernet or WIFI (optional) networking mode, TCP/IP communication;

- Support https;

- Built-in one relay output, one 485 output, one anti-dismantling alarm output

- Built-in one exit button input and one door sensor input

- The device can be configured for online verification or offline verification.

- The Habitap QR Reader can whitelist 100,000 pieces of personnel information and 100,000 pieces of access data records.

Communication Method	Ethernet/WIFI/485
WIFI protocol	802.11b/g/n
operating system	Linux operating system
processor	Cortex™-A7 1.2GHZ
Storage memory	512M
Ethernet interface	2.0 terminal
Protocol	http, https
Server communication	TCP/IP
Input	Two inputs
Output	One anti-dismanting alarm sensor output One 485 output One relay output
Reading angle	Rotation angle 360° Elevation angle ±55° Deflection angle ±55°
Scanning angle	72° (horizontal) 54° (vertical) 84° (diagonal)
Reading speed	<200 ms
Operating temperature	-20°C to 60°C
Operating power	Rated power: 3W Peak power: 5W
Storage capacity	100,000 offline users 100,000 offline records
Display	IPS 2-inch display Resolution 480*360
Relay class	2A current
Recognition distance	QR code: 5 to 30CM
Input power	DC 12V 2A
Dimensions	115mm * 75mm * 15mm

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HID Mobile Access

Mobile access is the use of a mobile device (e.g. smartphone, tablet or wearable) to gain access to secured doors, gates, networks, services and more. Our solutions allow organizations to meet the growing demands of a mobile-first world. Mobile IDs are stored AES-128 end-to-end encrypted in an SIO which is unpacked in the secure element in the HID reader and origins from the HID Secure Delivery Infrastructure. Find out more here on HID's website.
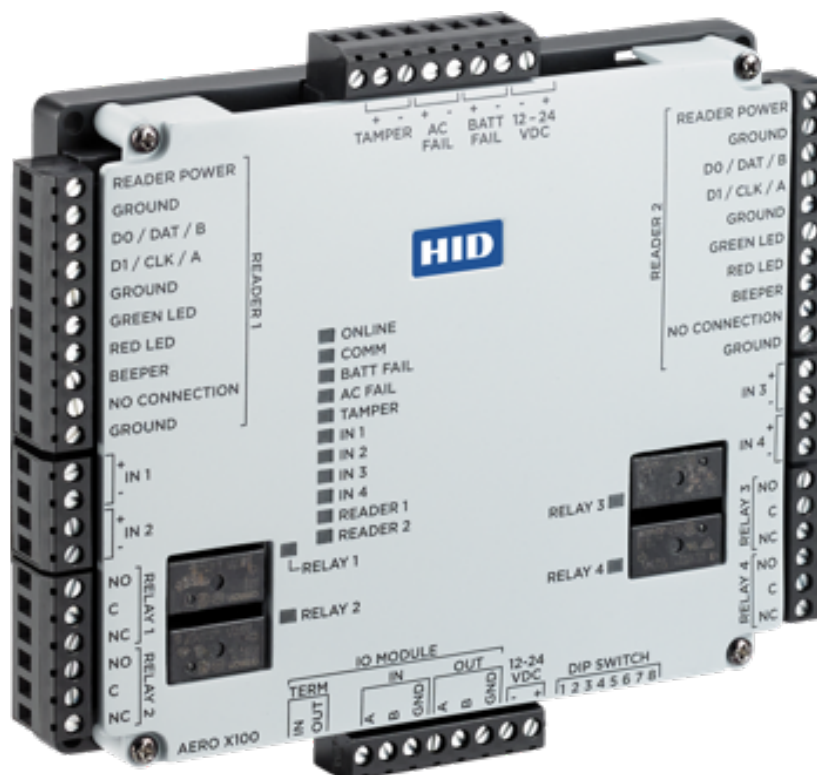

HID Signo

HID® Signo™ Readers bring today's organizations into the future of access control. Beyond its sleek, modern design, this cutting-edge reader platform provides flexible, reliable performance with support for an unmatched range of credential technologies.

HID Aero Controller

The HID Aero Controller product line provides a complete and fully functional hardware, firmware, software library and tool infrastructure accompanied by an API integration package for access control software providers.
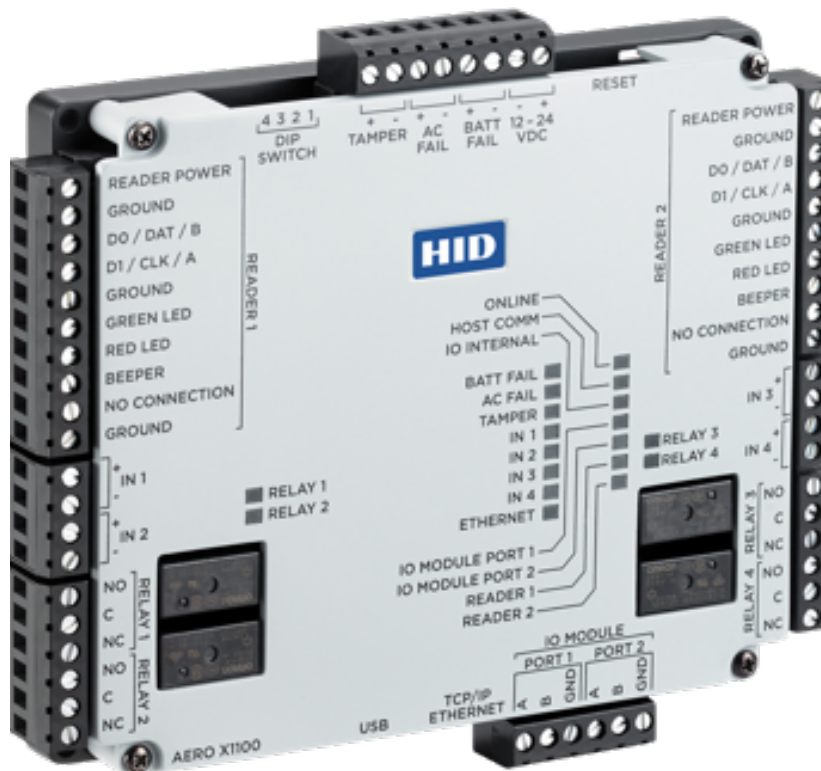
HID AERO™ X100 SPECIFICATIONS

- **Open Architecture** – Work with a variety of software partners over time without any re-investment in hardware

- **Based on HID Mercury Technology** – Built on a tried and tested platform, operating in the most demanding access control enterprises for 25+ years

- **DIN Rail Mountable** – Use mounting accessory (sold separately) to easily attach housing to mechanical DIN rails

- **Easy to Understand LED Status Lights** – Status lights representing power, heartbeat, online/offline status, reader status, input status and relay status

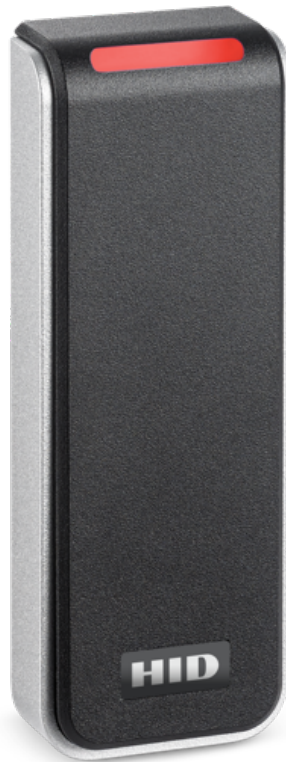|	
Input Voltage	12 to 24 Vdc +/- 10%
Maximum Input Current	1.5 A (340 mA excluding readers and USB)
Intelligent Controller Communication	2-wire RS-485, 2400 to 115K BPS, asynchronous
Inputs	7 supervised/unsupervised, standard EOL: 1k/1kΩ 1%, 1/4 watt
Outputs	4 Relays, Form-C with dry contacts
Normally Open Contact Rating	5 A @ 30 Vdc resistive
Normally Closed Contact Rating	3 A @ 30 Vdc resistive
Reader Power	12 Vdc +/- 10% regulated, 500 mA maximum each reader
Data Input Power	TTL compatible or 2-wire RS-485
OSDP Mode	9,600 to 230,400 bps, asynchronous, half-duplex, max cable 2000 ft (609.6 m)
LED Output (Wiegand)	Open Collector, 12 Vdc open circuit maximum, 40 mA sink maximum
Beeper Output (Wiegand)	Open Collector, 12 Vdc open circuit maximum, 40 mA sink maximum
Operating Temperature	32 to 158 0F (0 to 70 0C)
Humidity	5 to 85% RHNC
Storage Temperature	-67 to +185 °F (-55 to +85 °C)
Dimension	6.46" x 5.51" x 1.02" (164 mm x 140 mm x 26 mm)
Weight	342g
Certifications	Certification: FCC Part 15 Subpart B, CE, BSMI, IC, AS/NZS, TCVN, KCC Safety: UL-294, IEC 62368-1, CB Scheme Hazardous Substances: RoHS (2011/65/EU & 2015/863), EU REACH (1907/2006), California
HS Code	8537.10.9
ECCN	EAR99

HID AERO™ X1100 SPECIFICATIONS

- **Open Architecture** – Work with a variety of software partners over time without any re-investment in hardware

- **Based on HID Mercury Technology** – Built on a tried and tested platform, operating in the most demanding access control enterprises for 25+ years

- **End-to-End Security** – TLS 1.2, AES-256, OSDP Secure Channel and 4-state supervised inputs ensures no weak technology link in the chain of security

- **VertX® Compatibility** - Installs in the same footprint as VertX and communicates with V100, V200 and V300 IO Modules

Credential Capacity	250,000*
Credential Number Size	Up to 64-bits with 15-digit PIN MAX
Transaction Buffer	50,000
Access Levels	32 per credential (per reader schedule); plus custom credential override
On-Board Access Point Control	Up to 2 access points with on-board IO
On-Board Reader Support	Up to 4 (OSDP multi-drop) or 2 (Wiegand) with on-board IO
Maximum Access Points	64 (using X100 or V100 IO modules)
Maximum Readers	64 (OSDP or Wiegand, regardless of IO module configuration)
Maximum Inputs	615 (using X200 or V200 IO modules)
Maximum Outputs	388 (using X300 or V300 IO modules)
Number of IO Module Buses	2 (each dedicated to either Aero or VertX IO modules)
Maximum Aero IO Modules	32; each IO Module bus can support up to 32 Aero modules
Maximum VertX IO Modules	32; each IO Module bus can support up to 16 VertX modules
Input Voltage	12 to 24 Vdc +/- 10%
Maximum Input Current	1.9 A (550mA excluding readers and USB)
Micro USB Port	5 Vdc, 500 mA maximum (USB 2.0)
Memory and Clock Battery Backup	3 Volt Lithium, type CR2032
microSD Card	Format: microSD or microSDHC; 2 GB to 8 GB (RFU)
Ethernet Communication	10BaseT/100Base-TX
IO Module Communication	2-wire RS-485, 2400 to 115K BPS, asynchronous
Inputs	7 supervised/unsupervised, standard EOL: 1k/1kΩ 1%, 1/4 watt

Outputs	4 Relays, Form-C with dry contacts
Normally Open Contact Rating	Up to 64-bits with 15-digit PIN MAX
Normally Closed Contact Rating	50,000
Reader Power	32 per credential (per reader schedule); plus custom credential override
Data Input Power	Up to 2 access points with on-board IO
OSDP Mode	Up to 4 (OSDP multi-drop) or 2 (Wiegand) with on-board IO
LED Output (Wiegand)	64 (using X100 or V100 IO modules)
Beeper Output (Wiegand)	64 (OSDP or Wiegand, regardless of IO module configuration)
Operating Temperature	615 (using X200 or V200 IO modules)
Storage Temperature	388 (using X300 or V300 IO modules)
Humidity	5 to 85% RHNC
Dimension	6.46" x 5.51" x 1.02" (164 mm x 140 mm x 26 mm)
Weight	352 g
DIN Rail Mounting	Purchase accessory separately; Manufacturer: Phoenix Contact, Description: USA 10 Series Rail Adapter, Mfg Part No. 1201578
Certifications	Certification: FCC Part 15 Subpart B, CE, BSMI, IC, AS/NZS, TCVN, KCC Safety: UL-294, IEC 62368-1, CB Scheme Hazardous Substances: RoHS (2011/65/EU & 2015/863), EU REACH (1907/2006), California Proposition 65 Security: NIST Certified Encryption
HS Code	8537.10.9
ECCN	EAR99

HID SIGNO™ 20 SPECIFICATIONS

- Mobile-ready by default, including Apple's Enhanced Contactless Polling (ECP) to support credentials in Apple Wallet
- Sleek, innovative design to suit modern architecture
- Integrated OSDP for secure authentication and configuration post installation
- Built on a hardware platform designed to be adaptable to support future technology
- Designed to seamlessly integrate into the HID Origo® ecosystem

HID Signo Reader Model	20
2.4 GHz (Bluetooth) Credential Compatibility	Mobile Credentials powered by Seos® (HID Mobile Access)
13.56 MHz (NFC) Credential Compatibility	Seos, iCLASS SE®, iCLASS SR®, iCLASS®, MIFARE Classic, MIFARE DESFire EV1/EV2, FeliCaTM & Contactless e-Purse Application Specification (CEPAS), Mobile Credentials powered by Seos (HID Mobile Access)
125 kHz Credential Compatibility	HID Proximity®, Indala® Proximity, AWID Proximity, and EM Proximity
Typical Read Range[1]	Seos®, MIFARE Classic, MIFARE DESFire EV1/EV2 & ISO14443A Single Technology Cards – 1.6 to 4 in (4 to 10 cm) HID / AWID Proximity®, Indala Proximity®, EM Proximity & 125 kHz Single Technology Cards – 2.4 to 4 in (6 to 10 cm)

Mounting	Suited for mullion-mount door installations any flat surface mounting
Color	Black bezel with silver trim baseplate [2]
Keypad	No
Dimensions (width x length x depth)	1.77 in x 4.78 in x 0.77 in (45 mm x 121.5 mm x 19.5 mm)
Product Weight	Pigtail: 3.35 oz (95 g) Terminal: 2.65 oz (75 g)
Operating Voltage	12V DC
Current Draw[3]	NSC4: 60 mA Peak: 250 mA Max. Avg: 70 mA IPM[5]: 45 mA
Device Input and Output	Input: Tri-color LED, Buzzer, Hold @ Active Low Output: Tamper Relay 0-60V DC @ 100mA Max (Dry Contact)
Operating Temperature & Humidity	-31° F to +150° F (-35° C to +66° C) 0% to 95% non-condensing
Storage Temperature	-40° F to +185° F (-40° C to +85° C)
Environmental Rating	UL294 Outdoor and Indoor rated, IP65
Transmit Frequency	125 kHz, 13.56 MHz, and 2.4 GHz
Communications & Panel Connection	Wiegand, Clock-and-Data and RS-485 Half Duplex (OSDP) via Pigtail (18 in / 0.5 m) or Terminal Strip
Device Management	HID Reader Manager / OSDP configuration
Certifications	UL294/cUL (US), FCC (US), IC (Canada), CE (EU), RCM (Australia, New Zealand), SRRC (China), KCC (Korea), NCC (Taiwan), iDA (Singapore), RoHS, MIC (Japan), GreenCircle, Bluetooth SIG, and additional regions. www.hidglobal.com/certifications
Security Ratings	EAL 5+ Certified Secure Element Hardware
Patents	www.hidglobal.com/patents
Housing Materials	Polycarbonate – UL94 V0
UL Reference Number	20
Warranty	Limited Lifetime

Habitap ONE Office