

HID Vento SCA Reader

Model: V30

SCOSTA-CL compliant, contactless access control

We are excited to introduce the new HID Vento SCA Reader, designed for SCOSTA-CL compliant solutions, to deliver security, reliability and interoperability.

Purpose-built for India's critical infrastructure and government access control projects, the HID Vento SCA Reader delivers secure, standards-aligned performance in demanding environments. Designed to meet national mandates for identity and access, it combines rugged hardware with advanced cryptographic capabilities to protect sensitive facilities across defense, aviation, and smart city deployments.

Equipped with SCOSTA cryptographic libraries, Vento SCA ensures fast, reliable and secure authentication. Its support for both Wiegand and OSDP communication protocols enables seamless integration with HID controllers and third-party access panels, making it an ideal choice for scalable deployments and legacy system upgrades.

SECURE

- Integrated SAM slot enables secure storage of SCOSTA cryptographic keys
- Enhanced security through secure boot, ensuring only authenticated and digitally signed software is executed
- Integrated tamper detection safeguards the reader against unauthorized physical access or interference

RELIABLE

- SCOSTA cryptographic libraries ensure secure, reliable and high-speed authentication
- Engineered for robust indoor and outdoor performance, with a durable IP65 and IK09-rated housing designed to withstand harsh environmental conditions

INTEROPERABLE

- Supports SCOSTA-CL standard credentials, enabling seamless migration from legacy cards to new deployments
- Supports both Wiegand and OSDP protocols for seamless interoperability with HID and third-party access control panels



KEY FEATURES:

- SCOSTA-CL compliant solution for robust and fast authentication
- Built for highest security and performance
- Easy integration to new and existing access control systems for quick and efficient deployment
- Interoperable for all SCOSTA-CL ISO1443A&B credentials

HID Vento™ SCA Reader



KEY FEATURES:

- Contactless SCOSTA-CL compliant reader
- Integrated SAM slot for with ISO7816 interface
- Secure Boot and tamper detection for enhanced security
- Native support for Wiegand and OSDP protocols
- Audiovisual user feedback
- Durable design for high-demand environments
- In field configuration tools through Windows Application

Part Number	V30-VS-000000
13.56MHz Credential Compatibility	SCOSTA-CL contactless credentials (ISO14443A & ISO14443B)
Read Range¹	Up to 5cm
Mounting	Mullion mounting or any flat surfaces
Color	Black bezel with Black baseplate
Dimensions (width x length x depth)	63 mm x 122.5 mm x 24.5 mm
Product Weight	Approximately 150g
Operating Temperature	0° C to +60° C, 10%-90% non-condensing
Storage Temp	0° C to +70° C
Environmental Rating	Ingress Protection Rating (IP65), Impact Protection Rating (IK09)
Communications & Panel Connection	Wiegand (26&34-Bit output), OSDPv2
Operating Voltage	5-16VDC
Current Draw	<1A Max
Audio Visual	1W Buzzer LED: GREEN (Card Successfully Validated), RED (Card Failed Validation), AMBER (Power on)
Housing Materials	LEXAN FR 943, UL94 V0
CPU & Memory	ARM Cortex®-A7 core, 528MHz 512 MB RAM & 32GB eMMC
SAM Slot	ISO7816 SAM slot interface for removable SCOSTA SAM
Certifications	CE, WPC, BIS, RoHS, FCC
Device Management	HID Vento SCA Windows Application
Warranty	12 months

1. Read range listed is statistical mean rounded to nearest centimetre for ID-1 credentials. HID testing occurs in open air. Form factor, technology and environmental conditions, including metallic mounting surface, can degrade read range performance. Read distance can be reduced depending on the SCOSTA-CL credential processor secure element

The HID Vento SCA Reader is only available in India.



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For more global phone numbers click here

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