

HID® Verifier™ Sentry 2.0

Rugged handheld biometric and credential reader

The Verifier Sentry 2.0 is a versatile Android™-based handheld platform designed for a range of mobile authentication use cases. Designed for simple one-handed operation, the rugged Verifier Sentry 2.0 is a proven technology for rapid and accurate identity verification.

Verifier Sentry 2.0 is uniquely suited to your identity tasks, including:

- Identity verification for military base entry and access
- Authentication of workers at facility access points or travelers at border crossings
- Identity verification within a correctional facility

Designed to be rugged and perform in demanding environments, the device provides autonomous operation with an integrated fingerprint sensor, camera, barcode scanner and smart card reader, making it the logical choice for military, law enforcement, first responders, border management and critical infrastructure security applications.

The handheld device rapidly reads credentials using an integrated barcode or RFID reader to gather identity information and to provide biometric verification.

Alternatively, the Verifier Sentry 2.0 can transmit an unknown subject's fingerprint to an AFIS for remote matching and receive the verified response.

Supported credentials include RFID and federal ID cards such as PIV and PIV derivative cards (FRAC, CAC, TWIC).

The Verifier Sentry 2.0 Software Development Kits (SDKs) offer developers code examples and interfaces to build their own Android applications to run on the device. Leveraging the Android development environment, developers can develop and debug an application directly on the device using standard mobile development processes.



KEY BENEFITS:

- Usable, durable and MIL-STD-810H rugged for high performance, even in challenging environments
- Simple, lightweight one-handed operation with integrated handgrip
- Ergonomic design for right and left-handed users for biometric and credential capture or authentication
- Designed to be field serviceable to stay up and running in the field
- Available SDKs help developers design an Android application, including on-device matching

HID Verifier Sentry 2.0



HID NOMAD FAP 30 fingerprint reader on swivel mechanism that can be stowed when not in use.



Handgrip with trigger for convenient barcode scanning.



Contact/Contactless smart card reader for credential verification.



Easy drop-in charging for the device with a spare battery in the charging station

Product Name	HID Verifier Sentry 2.0
Part Number	925258-USH
Main Processor	Qualcomm Snapdragon™ 660 octa-core, 2.2 GHz
Operating System	Android™ 11
Memory	32GB Storage + 4GB RAM
Weight	1.84 lbs (835g)
Dimensions	7.9" x 4.1" x 6.3" (200 mm x 105 mm x 160 mm)
Operating Temperature	-4° F to 122° F (-20° C to 50° C)
Humidity Range	0-95% RH, non-condensing; Splash-resistant
Power	Removable Li-ion battery, 4620 mAh, 17.1 Wh, 8 hour operation
External Interfaces	USB 2.0
Wireless Communications	Bluetooth® v5.0 (Class 2), Bluetooth Low Energy, IEEE 802.11 a/b/g/n/ac 2.4GHz & 5GHz
Display	4.7 in. (1280x720); exceptionally bright, outdoor viewable; optically bonded to touch panel
BIOMETRIC / CREDENTIAL CAPTURE	
Fingerprint	500 ppi, TFT FAP 30 PIV certified single finger sensor
Camera	13 MP autofocus with flash LED, Front: 5 MP Fixed Focus
Smart Card (contact/contactless)	ISO 14443 and 7816 (CAC, PIV, TWIC, FRAC)
Handgrip Barcode Reader	Ergonomic trigger grip and 1D/2D barcode reader accessory
STANDARDS AND CERTIFICATIONS	
Ingress Protection (IP)	IP65
Ruggedized Standards	MIL-STD-810H
Certifications & Declarations	PIV (FAP 30), FCC, UL, RoHS, CB, ISED, California Proposition 65
SOFTWARE	
SDKs	HID NOMAD™ 30 SDK for Verifier Sentry HID OMNIKEY® Card Reader SDK Barcode Scanner SDK for Android

Data subject to change without notice



hidglobal.com

North America: +1 512 776 9000 | Toll Free: 1 800 237 7769

Europe, Middle East, Africa: +44 1440 714 850

Asia Pacific: +852 3160 9800 | Latin America: +52 (55) 9171-1108

For more global phone numbers click here

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