

HID NOMAD™ 30 Pocket Reader

The smallest, plug and play fingerprint reader for law enforcement

The NOMAD 30 Pocket Reader for Windows®, Android™ and iOS is an affordable fingerprint reader which can be bundled with smartphones, tablets or laptops to easily perform rapid/fast identification. Its mobile nature is perfect for identifying subjects without having to bring the person back to an office or police station.



AUTOMATED CAPTURE PROCESS

Once a law enforcement officer starts the workflow in the smartphone app to capture both index fingers, illuminated "landing lights" indicate that the device is ready to capture. The automated capture feature makes sure an image is captured automatically, when the image quality meets recognized image quality standards such as the FBI's.

HAPTIC FEEDBACK

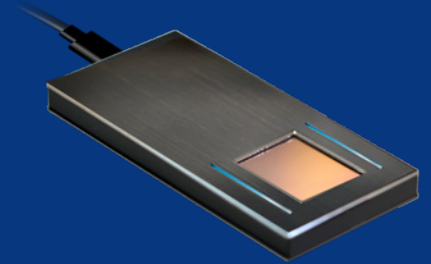
A haptic motor* in the NOMAD 30 Pocket Reader gives a vibration as an additional indication of successful image capture notification. This feature combined with the landing lights make it easy for officers to know that a good print was captured, saving valuable time for unnecessary quality checks during an operation. It also allows the officer to avoid close contact with potentially dangerous subjects for more than a few seconds.

IMAGES IN DIRECT SUNLIGHT

The patented, capacitive thin film transistor (TFT) enables the reader to capture superior fingerprint images that meet FBI standards such as Personal Identification Verification (PIV) whether in indirect or direct sunlight. The same technology also facilitates the capturing of dry or dirty fingers, or when fingerprint surfaces are inked or stained.

SUPERIOR DURABILITY

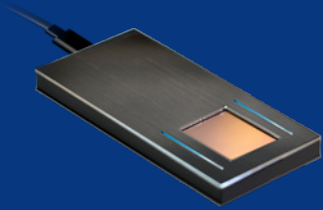
The top surface of the capacitive sensor on the NOMAD 30 Pocket Reader module includes a glass coating that protects the sensor by making it more resistant to scratches or impact. It is more durable for mobile use cases thanks to this protection layer combined with an Ingress Protection (IP) 65 rating for dust and water. The sensor has been tested for up to 1 million touches without a decrease in performance. The glass coating can be sanitized unlimited times without impacting performance.



FEATURES:

- **Thin Film Transistor (TFT) sensor** allowing for small form factor (fits in pocket)
- **Capacitive sensing** allowing for fingerprint captures in direct sunlight
- **Auto capture** for greater usability
- **Glass covered sensor** allowing for high rugged-ability and a good IP rating
- **LED landing lights and haptic feedback** offering excellent user guidance
- **Female cable slot** allowing for connections to various USB types (Type A, Micro-B, C, lightning) for a wide variety of devices

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ACCESSORIES

Standard

- USB 2.0 Connection Cable (Lightning, USB C, USB Micro B, USB A)

Optional

- Choice of folios including OtterBox uniVERSE case, Velcro or Adhesive
- Flip Case



Folio case



Flip Case

Product Name	HID NOMAD™ 30 Pocket Reader
Description	Fingerprint reader
Capture Mode	Single fingerprint
DEVICE	
Dimensions (H x W x D)	3.7" x 1.7" x 0.3" (95 mm x 45 mm x 8.5 mm)
Weight	95 grams
Interface	USB 2.0
Power Supply	USB 2.0, Lightning
Android™/Windows Power Consumption	Suspend power consumption < 2.5mW Idle power consumption < 100mW Scan mode power consumption < 640mW
OPERATING ENVIRONMENT	
Temperature Range	Operating temp: 14°F - 122°F (-10°C to 50°C)
	Storage temp: -4°F - 140°F (-20°C to 60°C)
Humidity Range	10% to 90% non-condensing
SYSTEM REQUIREMENTS	
OS Support	Windows® 10 and 11, Android™ 8+, iOS 12+
Hardware	iPhones, Android™ Phones, Windows® PCs
IMAGE SPECIFICATIONS	
Scanning Area	0.8" x 1" (20.32 mm x 38.1 mm)
Image Size (W x L)	1.6" x 1.5" (40.6 mm x 38.1 mm)
Image Resolution	400 x 500 pixels (500 dpi)
Capture Grayscale	8-bit
Image Grayscale	256 grayscales
Image Quality	PIV 071006 (FAP 30)
STANDARDS AND CERTIFICATIONS	
Ingress Protection (IP)	IP65
Certifications	PIV (FAP 30), UL recognized, RoHS, FCC, CE, Mfi
SOFTWARE	
SDK (included)	HID NOMAD™ 30 SDK for iOS and Android™
Software Compatibility	HID ArclD™ Mobile

Data subject to change without notice.



hidglobal.com

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

Europe, Middle East, Africa: +353 91 506 900

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

For more global phone numbers click here

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