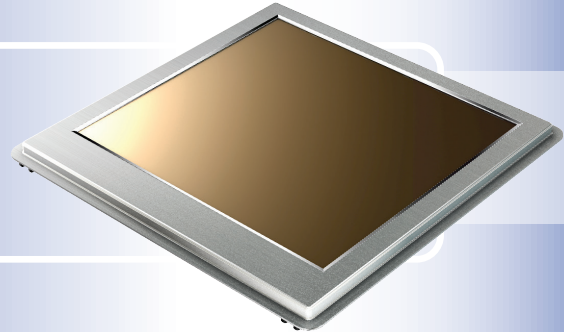


HID NOMAD™ 60 Module



CAPACITIVE THIN-FILM TRANSISTOR (TFT) TECHNOLOGY

The NOMAD line of capacitive thin film transistor-based fingerprint modules is designed with today's highly mobile applications in mind. With astonishingly thin profiles and a compact footprint, NOMAD modules offer OEM integrators flexibility not achievable with traditional prism-based or optical-based TFT configurations.

All NOMAD modules provide durability and capture reliability that are hallmarks of HID's biometric hardware. Capture surfaces have been tested for one million touches – and are highly scratch resistant.

Because NOMAD modules do not rely on the illumination of the finger to capture a fingerprint reflection, they are impervious to light-making them ideal for indoor and outdoor use, even in direct sunlight. Utilizing capacitance to measure the fingerprint surface also makes NOMAD modules indifferent to marks on the surface of the finger, such as ink marks, henna or tattoos. As a result, they do not require cleaning of a subject's hands to remove temporary marks and are more effective in a broader range of use cases.

The NOMAD 60 Module is an Appendix F certified tenprint capture module. Its thin format enables incorporation into a range of mobile, portable and stationary hardware for a broad range of identity enrollment and verification use cases.

Typical application of the NOMAD 60 Module includes space restricted or thin profile public safety and defense hardware requiring an FBI Appendix F and Mobile FAP 60 certified sensor. Supported use cases range from criminal history record checks and criminal booking to civil identity enrollment and authentication such as border screening and national ID processing.

FEATURES

- Appendix F certified.
- Durable: withstands challenging operating environments with minimal maintenance.
- Only FAP 60 Module on the market.
- Accurate: unsurpassed fingerprint image quality in virtually any environment and finger condition, including indirect or direct sunlight; dusty conditions; and dry or dirty fingers.

SPECIFICATIONS

Product Name	HID NOMAD™ 60 Module
OS Support	Windows® 7+, Android™ 4+, Linux
Ingress Protection	IP65
Environmental	Operating temp: - 10 to 50C Storage temp: - 20 to 60C Humidity: 10% to 90% non-condensing
Certification	UL Recognized, RoHS, WHQL
Interface	USB 2.0
Fingerprint Image	8-bit grayscale
Frame Speed	8 frames per second (flats) 16 frames per second (rolls)
Resolution	1600 x 1500 pixels (500 dpi)
Sensing Area	81.28 mm x 76.2 mm (3.2 x 3.0 inch)
Power Supply Voltage	4.75 to 5.25V
Idle State Current	175mA TYP
Current (during capture)	900mA TYP
FBI IQS	Appendix F Specifications
Overall Dimensions	100.2 mm x 99.2 mm x 8.50 mm
Weight	105 g



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