NOMAD™ 60 Wireless Reader

Capacitive Thin-Film Transistor (TFT) Technology

FEATURES

- **Mobile:** cuts the cord for true mobility – no USB required. Compact footprint, low power requirement, lightweight.

- **Durable:** withstands challenging operating environments with minimal maintenance.

- **Accurate:** unsurpassed fingerprint image quality in virtually any environment and finger condition, including indirect or direct sunlight; dusty conditions; and dry or dirty fingers. Excellent imaging performance even when fingerprint surface is stained by ink or henna-like substance.

PRODUCT DESCRIPTION

The Nomad 60 Wireless is a unique forensic-quality, truly mobile, tenprint fingerprint capture device. Part of the Nomad family of thin-film transistor technology (TFT) devices, designed specifically for mobile identity management use cases, the Nomad 60 Wireless offers an incredibly thin and lightweight form factor, integrated user guidance and image capture quality confirmation.

Nomad 60 Wireless is Appendix F and mobile FAP 60 certified and captures both ID Flats and rolled prints. The FBI certification ensures that the reader meets stringent image quality conditions and interoperability standards to work with Automated Fingerprint Information System (AFIS) systems. This is crucial when establishing benchmark records against which all future fingerprint comparisons will be made. It also facilitates large-scale automated/lights-out, one-to-many and many-to-many matching operations and those of forensic fingerprint identification experts.

The device is ideal for delivering fast, accurate and reliable fingerprint capture results for mobile verification, identification and enrollment applications. The Nomad's innovative capacitive sensor technology allows the device to operate under a variety of environmental conditions including direct sunlight – making it ideally suited for mobile civil, commercial and military programs.

Integration of the Nomad 60 Wireless is easy. The TFT Essentials SDK provides Auto Capture functionality and rolled print capture capability. When combined with Crossmatch BioCore middleware, Nomad 60 Wireless provides industry leading image quality workflows and a variety of post processing algorithms for fingerprint sequencing, segmentation, quality and compression.

Typical use cases are highly mobile in nature and focused on fast, reliable identity enrollment or verification, such as remote or on-the-move border screening, incident intelligence gathering and other applications that require or benefit from complete four-slap print capture.

NOMAD 60 Wireless Reader
Specifications

Technical Specifications	
Fingerprint Type	Single rolls, single flats, two finger flats, four finger flats
Resolution	500 ppi, 256 gray scale
Sensing Area	81.28 mm x 76.2mm (3.2" x 3")
Image Size	1600 x 1500 pixels (W x L)
Image Quality Standards	FBI IAFIS Appendix F
Interface	IEEE 802.11 a/b/g/n/ac 2.4/5 GHz Bluetooth 4.1 USB 2.0 (Type-C connector)

Hardware	
Dimension	103 mm x 132 mm x 16 mm (4" x 5.2" x 0.6")
Weight	295 g
Battery	3300 mAh
Ruggedized Standards	IP54, able to survive 4 foot drop
Operating Temperature Range	0°C to 50°C (32° to 122°F)
Humidity Range	10-90% non-condensing, splash-resistant
Certification	FBI Appendix F, CE, FCC, UL, RoHS

System Requirements	
Operating System	Microsoft Windows 7 and 10 Android 5.1 and above
Software	SDK: TFT Essentials, BioCore Software Compatibility: ArcID, LSMS, MOBS

Protective sleeve

Soft carry case

**Optional folio
(smartphone not included)**

ABOUT CROSSMATCH

Crossmatch® solutions solve security and identity management challenges for hundreds of millions of users around the world. Our proven DigitalPersona® authentication software is designed to provide the optimal set of authentication factors to meet today's unique risk requirements and afford complete enterprise authentication coverage. Crossmatch identity management solutions include trusted biometric identity management hardware and software that deliver the highest quality and performance required for critical applications. Our solutions support the financial, retail, commercial, government, law enforcement and military markets. With 300 employees and customers in more than 80 countries, Crossmatch sets the standard for innovation and reliability. Learn more: Crossmatch.com

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