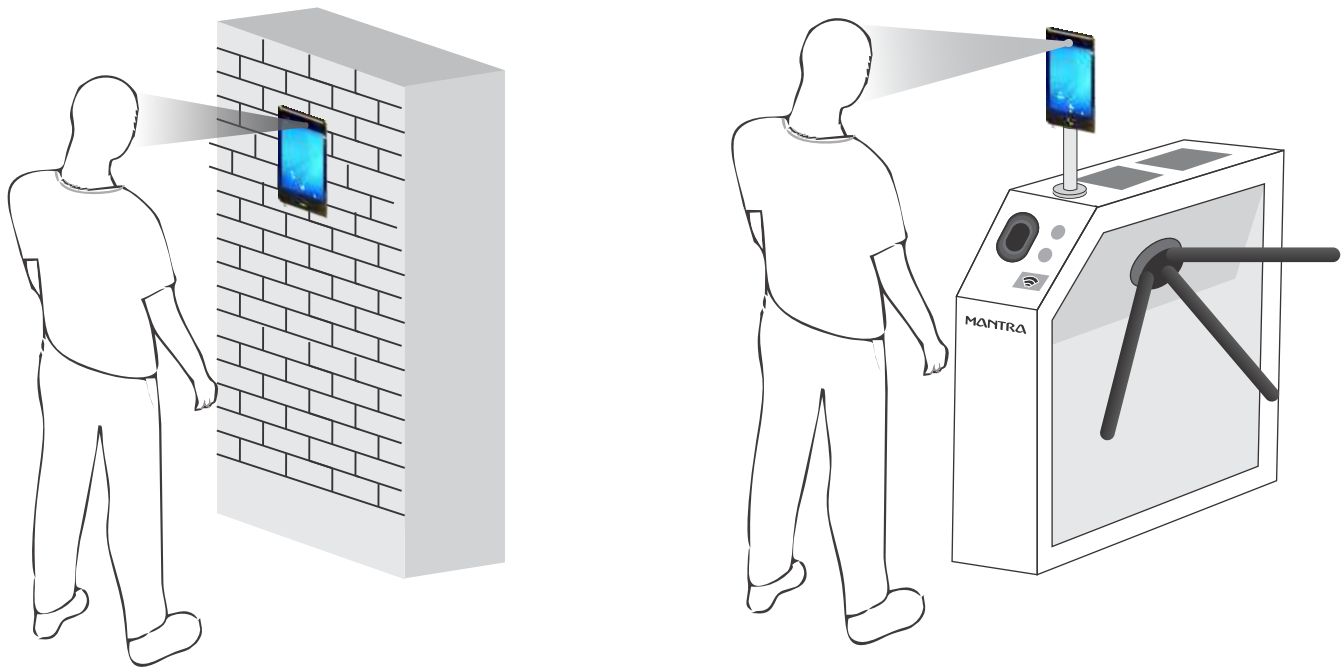


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BioNIC F9



This smart and most advanced facial recognition terminal comes with a 5-inch display and compact design. The device is capable of matching high-quality interior design standards. Its processing power makes this device the most reliable and secured facial system that meets advanced data security standards for compliance requirements.



Applications

- ◆ Machine variants offer multimodal biometrics, including facial & fingerprint modalities added by smart card interface to perform various types of authentication and matching requirements.
- ◆ Advance AI-based facial engine along with options for optical and capacitive fingerprint interface to provide choice in technology and serving of use cases
- ◆ Built-in access control features can provide seamless integration with door locks, turnstiles, and flap barriers for authorized entry & exit to users.
- ◆ The advanced access control features can provide alarms, alerts and notifications, including the status of doors and central monitoring to achieve security needs.
- ◆ Cross-platform API interface provides effortless integration with third-party software and hardware controller over Wiegand or RS-485 or Ethernet LAN network.
- ◆ Design and engineering of machines are for attendance, access control, visitors, canteen, and access control requirements with real-time data integration and monitoring facilities.

Features

- ◆ Best in class, American Amlogic processor to ensures data security and compliance requirements.
- ◆ Multi-core processor with GPU provides AI feature for rapid and accurate matching
- ◆ Wiegand, LAN support to ensure all types of communication requirements
- ◆ Facial liveness configuration to achieve the highest level of facial security & ensure physical requirements for punching
- ◆ World's best facial algorithm engine providing standard universal facial templates
- ◆ RGB+IR camera facilitates quick and accurate matching
- ◆ Compact and elegant design form factor


Specification

Device Type	: Smart Facial Recognition Terminal
Screen Size	: 5 inches, Full viewing angle, 170°IPS LCD screen, Resolution 720*1280
Camera	: Dual Lens camera RGB+IR, Focal Length: 4.3mm±5%, with 2 million pixels
Operating System	: Android 9 or higher
Processor	: AMLOGIC, Quad Core ARM Cortex A-55, 1.60 GHZ + ARM G31 Mali for 3D Graphics
Memory	: 8GB ROM
Lighting Environment	: White LED
Sensor	: Infrared
Card	: ISO 14443 Type A/B Mifare
Communication	: Ethernet, Bluetooth, WIFI
Distance	: Within 0.6 meter to 1 meter for best use case
AI Controller	: Built - in
User capacity 1:N Matching	: Optional (3 Variants)
Variant1	1K Users
Variant1	3K Users
Variant1	6K Users
User capacity 1:1 Matching	: 25000 Users
Transactions	: 100000 Logs
Fingerprint Sensor	- -
Software	: Visitors Application , Canteen Application Attendance Application , Access Control Application
Peripheral Ports	: Power: DC Jack LAN: Rj45 Micro USB Wiegand RS-485 Relay NO,NC.COM
Audio	: Digital Audio Speaker, Microphone
Environment	: Operating Temperature:- 20 degree to +60 degree Humidity:- 0 to 90 percentage Non-Condensing
Mobile Device Management	: Mantra Standard MDM Software (Optional)
Mounting Brackets	: Wall Mount Bracket Turnstile Mount Bracket 2 meter pole bracket for barrier
IP Compliant	: IP65 (Dual Weatherproof Enclosure)


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