

BioNIC F5

# BIONIC FACE

Enterprise Wide Facial Recognition System





## Bionic F5

This device is an advanced facial recognition device with a identification system. It has a stunning > 5-inch display, dual-lens camera and an infrared camera which provides accurate results.

## Applications

- ◆ The three variants of the Bionic F5 device can be strongly utilized at high security zones, large & heavy industries, corporates, institutions and also at office premises.
- ◆ These devices can identify / verify persons from an average distance of 0.8 to 1 meters and verify / identify faces of up to 1 lakh users depending on the variant of the device.
- ◆ Restriction of entry for unauthorized users would provide additional automated security and identification process to any organization.
- ◆ This system will facilitate no-touch based identification and authorization that provide hygiene method for human identification and provide valid access control / attendance system along with manpower tracking, tracing and verifying via various commercial applications
- ◆ In offices, employees who are not authorized, blacklisted and non-validity Would generate alerts and notification during punching, system wont allow punching for relevant use cases . It can also be used to record employee attendance.

## Features

- ◆ High speed processor for quick matching and accuracy
- ◆ Incident management system during every face matching
- ◆ Support high performance at rough environment conditions
- ◆ Dual camera for liveliness detection and IR capture to manage high accuracy
- ◆ Industries among best facial algorithm in NIST
- ◆ No proprietary card memory map, customize for every client to manage card security for specific customer
- ◆ Face mask wearing alerts. However, facial recognition accuracy would be decreased due to face mask

## Technical Specification

Device Type	Highly Accurate and Integrated Facial Solution Device
Screen Size	4.5 inch IPS
Camera	Dual Lens camera RGB+IR, 1/2.7" CMOS
Operating System	Android 7 or higher
Processor	Quad Core 1.5 GHz & I300
Memory	8GB DDR
Capture Quality	White LED
Sesnor	Infrared
Card	Optional (MiFare)
Communication	Ethernet / Bluetooth / WIFI
Distance	Within 0.8 meter to 1 meter for best use case
AI Controller	Built - in
User capacity	10000 Users for 1:N matching Upgrade to 20000 / 50000 / 100000 users (Optional)
Transactions	500000 data logs 10000 audit logs 20000 special access control events
Software	Face Gate Pravesh MORZEL 4.0
Peripheral Ports	Power: DC Jack LAN: RJ45 Micro USB Wiegand RS485
Audio	Digital Audio Speaker
Enviroment	Operating Temperature: -5 degree to +50 degree Humidity: 0 to 90 percentage Non Condensning
Mobile Device Management	Mantra EDHMS (Optional)
Mounting Brackets	Wall Mount Bracket Turnstile Mount Bracket (Optional) 2 meter pole bracket for barrier (Optional)
IP Compliant	IP54

# MANTRA

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