

# Fingerprint Access Control & Time Attendance System **BIONIC 7**

Mantra - the leader in biometrics - presents BioNIC 7, an all-in-one device for improving the security by Fingerprint Biometric Technology. BioNIC 7 is built with industry's most advanced and robust sensors to improve the longevity and accuracy. In-built Wifi system makes it more suitable and elementary for any user at anytime, anywhere.

BioNIC 7 is a high end access control cum Time & Attendance terminal with biometrics fingerprint and card punching facility. It is high end Fingerprint/HD/Mifare based Access Controller that can work in a Standalone mode without need of any host PC. It also easily integrates to M10 external reader. Besides this, it includes relay to control lock and auxiliary devices along with two sensor input (Push button, Door sensor)



## KEY GUIDE

1. Finger Print
2. Connector
3. USB 2.0 Slave
4. Ethernet cables LAN



Fingerprint  
Sensor



Aadhaar QR  
Code Reading



IRIS  
Sensor



External  
Power Button,



WIFI  
Connectivity



Android  
Marshmallow

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## AT A GLANCE

<b>DISPLAY</b>	Screen Size	7 inch LCD and Sensing area 16mm x 18mm
	Type	Liquid Crystal
	Multitouch	For selecting interface language of BioN7 touch display. Currently supports English . More languages optionally available.
<b>BIOMETRIC SENSOR</b>	Resolution	500 DPI
	Certificates	STQC Certified & FBI Certified
	IP Rating	IP54
<b>MEMORY</b>	Internal	512MB Flash
	External	2GB SD
	RAM	256MB RAM
<b>CONNECTIVITY</b>	WLAN	802.11 a/b/g/n 2.4GHz Supported (Wi-Fi)
	Slots	USB
	Port	Ethernet cables LAN RJ45
<b>APPLICATION</b>	Programming	In built web server ,Door controller and Real-time clock
<b>NETWORK</b>	Technology	TCP Port RJ45 - Push Data
<b>SOUND</b>	Internal	Acceptance Green LED
	external	Rejection Red LED
<b>CAMERA</b>	Front Camera	1.3MP
<b>PLATFORM</b>	OS	Android
	CPU	ARM 800 MHZ embedded controller
<b>POWER</b>	Power Supply	DC12V 2A
<b>BODY</b>	Weight	1200 g
	Dimensions	226*150*72 mm
	Build	High Class PVC
	SIM	Standard
	Build In	Buzzer, LED
<b>MISC</b>	Authentication	Entry Type(authentication) — provides 3 different combinations of user identification:Card Only, Finger Only and Card + Finger
	<b>Operational Environment</b>	Working Temperature 0 ~ 50°C / 32 ~ 122°F
		Storage Temperature 0 ~ 55°C / 32 ~ 131°F
		Relative Humidity 95% non condensing
<b>FingerPrint Sensor</b>	Time	< 2 Sec
	Capacity	10,000 (2 Finger Per Users)
	Transactions storage	100000
	verification	1: 1 / 1 : N
	<b>Function</b>	Mode of Verification
	Card Reader	Integrated Mifare Contactless card reader (upto 4k)
<b>Battery</b>	Battery Backup 5 Hours	
<b>Certifications</b>	BIS, CE	

## DIMENSIONS

