

MIGEN N-38S

Fingerprint Time Attendance Door Access Controller

N-38S Access Control/Time Attendance can be considered the representative areas among the application areas of fingerprint recognition technology. The device offers the flexibility to be installed standalone or with any third party panel that supports 26-bit Wiegand. The existing methods using keys or passwords have the problems of loss, theft, and forgetfulness. The representative technology that can overcome these problems is the biometric technology, and fingerprint recognition technology in particular has excellent convenience of use and economical efficiency, making it the area with the fastest growth. As fingerprint recognition access control system doesn't have the troublesome problem of reissuance due to loss or the burden of carrying around keys or cards, its demand is increasing every day in the access control and time& attendance areas



- ✦ *N-38S ADAPTS ARM9-200MHZ CPU, HIGH PERFORMANCE AND LOW POWER PLATFORMS*
- ✦ *THE ALGORITHM OF ARM9 VERSION HAS EVIDENT IMPROVEMENT ON RELIABILITY, PRECISION AND SPEED, IT CAN MANAGE 1500 FINGERPRINT TEMPLATES WITHIN 1 SECOND*
- ✦ *SUPPORTING FINGER 360 DEGREE IDENTIFICATION*
- ✦ *BATTERY BACKUP SYSTEM PROVIDING WHEN DURING POWER FAILURES. (OPTIONAL)*
- ✦ *INNOVATIVE NEW IDEAL CHOICE FOR EVERY BUSSINESS APPLICATION LIKE OFFICE, FACTORY, HOTEL, HOSPITAL, BANK ETC.....*
- ✦ *DOOR ACCESS CONTROL CAPACITY : FOR LOCK OUTPUT AND DOOR MONITORING. IT CAN BE CONFIGURED TO LOCALLY CONTROL AND MONITOR A DOOR SECURING YOUR PREMISES.*

Technical Specification :

Fingerprint Capacity	3000 templates
ID card Capacity	5000
Transaction Capacity	100,000
Sensor	ZK Optical Sensor
Algorithm Version	ZK Finger v10.0
Communication	RS232/485, TCP/IP, USB-host ,WIFI
Access Control Interface for	3rd party electric lock, door sensor, exit button, alarm, Door Bell
Wiegand Signal	Output and Input
Display	TFT LCD Screen
Standard function	ID card, Webserver, DLST
Power Supply	12V DC
Operating Temperature	0 - 45
Operating Humidity	20%-80%

MTR MOTOR SDN. BHD.

Legend :

- Leave
- LOW - Length Of Work
- OT - Over Time
- UT - Under Time
- LT - Lates
- ND - Night Differential
- WD - Whole Day
- HD - Half Day
- HD/HDL - Half Day w/ Leave

Daily Time Record for the period of 01/01/2013 to 30/01/2013

Note : *** All the computations below are in hours and minutes format.

Employee No. : 12

Name : **ALI AHMAD**

Department : **PRODUCTION**

Date	Day	Check In	Break		Check Out	OverTime		LOW	OT 1.5	OT 2.0	OT 3.0	UT	LT	Others		Remarks	
			Out	In		In	Out							Status	Holidays		
01	Tue	7:48 AM	12:01 PM	12:49 PM	5:55 PM			08.00									
02	Wed	7:45 AM	12:12 PM	12:50 PM	5:30 PM	6:00 PM	10:50 PM	08.00	04.50								
03	Thu	9:11 AM	12:00 PM	12:55 PM	5:30 PM	6:00 PM	2:01 AM	07.19	08.01				00.41				
04	Fri	8:12 AM	12:01 PM	12:52 PM	3:30 PM			06.00				02.00					
05	Sat	8:01 AM			1:32 PM			05.00									
06	Sun																
07	Mon	8:11 PM	12:01 AM	12:56 AM	6:00 AM	6:00 AM	6:11 AM	08.00	00.11								Change Night Shift
08	Tue	8:56 PM	1:11 AM	1:57 AM	6:00 AM	6:00 AM	6:30 AM	08.00	00.30								
09	Wed	9:01 PM	12:01 AM	12:58 AM	6:00 AM	6:00 AM	9:01 AM	07.59	03.01				00.01				
10	Thu	8:59 PM	12:01 AM	12:59 AM	3:00 AM			05.00				03.00					
11	Fri	8:55 PM	1:01 AM	1:58 AM	6:00 AM	6:00 AM	6:30 AM	08.00	00.30								
12	Sat	8:30 PM	12:01 AM	12:55 AM	6:00 AM	6:00 AM	10:01 AM	08.00	04.01								
13	Sun																
14	Mon	8:01 AM	12:01 PM	12:55 PM	5:30 PM	6:00 PM	9:33 PM	08.00	03.33								
15	Tue	8:11 AM	12:01 PM	12:40 PM	5:30 PM	6:00 PM	9:40 PM	08.00	03.40								
16	Wed	8:21 AM	12:01 PM	12:42 PM	5:42 PM			08.00									
17	Thu	7:00 AM	12:01 PM	12:43 PM	5:30 PM	6:00 PM	7:43 PM	08.00	01.43								
18	Fri	7:30 AM	12:01 PM	12:45 PM	5:30 PM	6:00 PM	11:45 PM	08.00	05.45								
19	Sat	6:35 AM			1:33 PM			05.00									
20	Sun	8:06 AM			3:06 PM					05.36							
21	Mon	8:11 AM	12:01 PM	12:55 PM				03.30									Rest Day
22	Tue																Half Day
23	Wed																Absent
24	Thu																Absent
25	Fri																Absent
26	Sat																Absent
27	Sun																UP-WD
28	Mon																Rest Day
29	Tue																Absent
30	Wed																Absent
01	Thu																Absent

T O T A L

Length Of Work : 127.48 **Over Time 1.5 : 35.45** **Rest Day : 4** **Day Work : 17.5**
Under Time : 5.00 **Over Time 2.0 : 5.36** **Leave : 1.0** **Absences : 7.5**
Lates : 0.42 **Over Time 3.0 : 0.00** **Special Holiday : 0.0** **Legal Holiday : 0.0**

I certify that the entries on this record, which were made by myself daily at the time of arrival at and departure from office are true and correct.

Employee's Signature

Authorized Official

REMINDER : Failure to return within 5 days together with the required official documents will mean withholding of salaries of the employee concern and the head of office/division.