NIGEN

N-38D
Fingerprint Time Attendance Door Access Controller

N-38D 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-38 ADAPTS ARM9-200MHZ CPU, HIGH PERFORMANCE AND LOW POWER PLATFORMOS*

✧ *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	1500 templates
ID card Capacity	5000
Transaction Capacity	30000
Sensor	ZK Optical Sensor
Algorithm Version	ZK Finger v10.0
Communication	RS232/485, TCP/IP,USB-host
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%

Date Printed : 21/04/2014

CP PRINTERY SDN BHD
NO 3 JLN BALAKONG JAYA 5
TMN INDUSTRI BALAKONG JAYA
43300 SELANGOR

Legend :

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

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

Daily Time Record for the period of 01/04/2014 to 30/04/2014

Employee No. : 12 Name : **ALI AHMAD** Department : **PRODUCTION**

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

_____
Employee's Signature

_____
Authorized Official

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.

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.