

User Manual

N-G4W





N-G4W



Face



Finger



RFID



Battery
(Optional)



WiFi



LAN



USB



GPRS
(Optional)



Access
Control

Multi-Bio Attendance and Access Control System

Storage Capacity

Face Capacity	10,000
Finger Capacity	30,000
Card Capacity	10,000
Max User	10,000
Log Capacity	2,00,000

Features

World-class Face Identification Technology

High-Speed and Accurate Fingerprint Identification

Face, Fingerprint, Card authentication

2 output relay for door open.

Self-Service Inquiry

Good adaptation for dry, moist and rough fingerprints.

Not necessary of bright lights during scans.

supremely low Electric energy consumption.

Comprehensive SDK is available for development & integration.



N-G4W

“Dive into this ultimate featured from Biomax, with its stunning features and class performance N-G4W is all you need.”

CONTENT

1. **USERS** : This Menu allows to add new user, modify the user, User data and upload user data.
2. **REPORTS** : This option is used to download the User Reports and logs in the USB disk
3. **SETTINGS** : This Menu contains all the settings regarding Device, Network, Time & Date, Record Rule, Delete and Reset.
4. **VIEW INFO.** : Used to view information of amount of logs, users, Fingerprints/faces, logs per user, device information, etc.
5. **CLOUD ID** : Used to view Cloud ID which is used to connect to Web and Cloud Attendance Software

USERS

1.1. Enroll:



The screenshot shows a mobile application interface titled "Enroll" with a back arrow in the top right corner. The background is black. There are two input fields: "ID" with the value "12AHD" and "Name" with the value "neel". Below these fields is a blue "Enroll" button.

1.1.1. Entering a User ID and Name

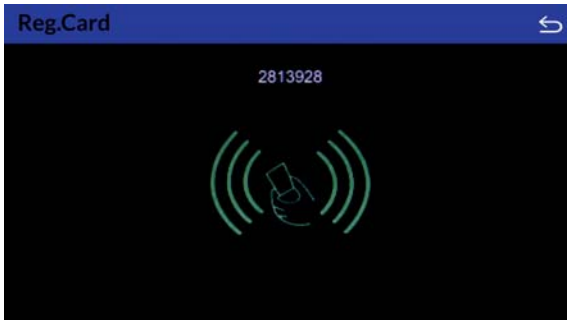
The terminal automatically allocates an ID starting from 1 for every user in sequence. If you use the ID allocated by the terminal, you may skip this section. Enter a user name through the keyboard.

1.1.2. Enrolling a Fingerprint



Punch the selected finger for 3 times to enroll and confirm the required finger.

1.1.3. Enrolling an ID card

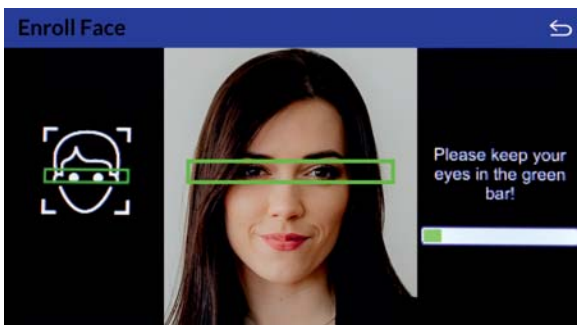


1.1.4. Enrolling a PWD (Password)



USERS

1.1.5. Enrolling a Face



1.2. Modify:

With this option, you can modify the settings of the user.



Modify	
ID	123AHD
Name	neel
Role	User
PWD	
Card	
Enable	Yes
Finger	1
Face	

ID: This option is show only Employee Id User can not change ID.

Name: This option is used to change the user id.

User TZ: This option is used to change the user time zone.

Role: Used to set user role as per privileges.

Admin	: Has all permissions to access full menu
Supervisor	: Cannot Delete Logs, Data, Admin Role and set Reset Default
Operator	: Cannot access the MAIN MENU
User	: Cannot access Settings Menu

PWD: Used to change the password of the user.

Card: Used to change the Card ID of the user.

Face: Used to change the Face of the user.

Finger: Used to modify the finger of the user or to add more fingers in the same device.

Valid Date: Used to set User Expiration from Begin Date to End Date.

Delete: Used to delete the User.

1.3. Download:

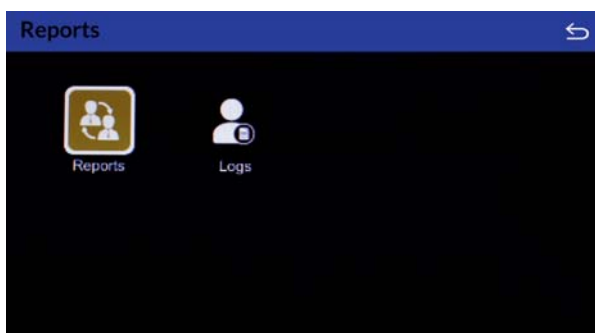
This option is used to transfer data from Device to USB Disk.

1.4. Upload:

This option is used to transfer data from USB disk to the device.

REPORTS

From report option user can download logs file and report file in USB and later this files can import in the software through USB.



There are two options:-

(I) Reports : To generate report file in USB

(ii)Logs: To generate logs file in USB

SETTING

3.1 Device:

From report option user can download logs file and report file in USB and later this files can import in the software through USB.

Device	
Admins	5
Volume	5
Keyboard sound	Yes
Verify Mode	FC/FP/P/C
Verified Screen	1Sec.
AVL Logs Alert	0
Punch Interval	1Min.
Screen Saver	60Sec.

- **Admin** (Admin role can be set by this option, maximum 10 admin user can be create)
- **Volume** (User can set volume as much lower or upper he/she want)
- **Verify Mode:** User can select verify mode of employee as per need

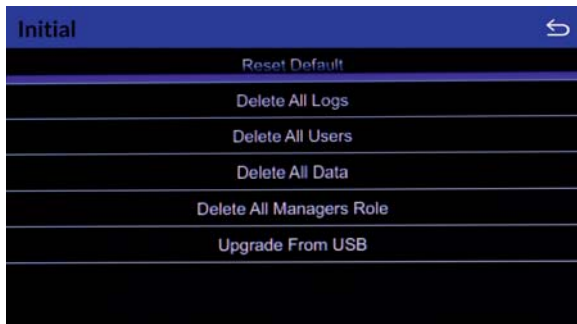
- 1.FC/FP/P/C
- 2.FC+FP/P/C
- 3.FP+FC
- 4.P+FC+FP
- 5.C+FC+FP
- 6.FP
- 7.FC
- 8.C
- 9.P

- **Verified Screen** : User can set the Attendance verification screen time as per Requirement
- **Screen Saver**: User can set screen saver time in seconds
- **Sleep Time** : User can set device sleep time as per requirement
- **ATND Status**: Used to set Attendance Status such as Check In/Check Out and customize it
- **AVL Logs Alert**: Gives you an alert after how many logs are available in device
- **Printer Settings** : By connecting the printer to the device you can printout
 - 1.BaudRate
 - 2.Cutter
 - 3.Space line
 - 4.Printer Model
- **SetBell** : User can set alarm at a particular time as a reminder
- **RS232 Setting**: This option user need to set on AB if want to connect with Reader.
 - 1.Disable
 - 2.AB (For Exit Reader N-FR12)
 - 3.Printer

3.2 Time:



3.3 Initial:



Initial	
Reset Default	
Delete All Logs	
Delete All Users	
Delete All Data	
Delete All Managers Role	
Upgrade From USB	

- **Reset Default** : Reset the device with predefined settings
- **Delete All Logs** : Used to remove all attendance logs
- **Delete All Users** : Used to delete all user details and data
- **Delete All Manager** : Used to delete Admin Roles
- **Delete All Data** : Used to delete all data from the device
- **Upgrade from USB** : Used to update the firmware while USB is connected

NETWORK



Network	
Cloud ID	DC68B0059B3E5421
Dev. Name	fk_device
ETH	Yes
Wi-Fi	Yes
Mobile Net.	No
ServerIP	www.bmxcloud.in
ServerPort	0
Req Int.	3

- **Cloud ID** : Displays the cloud id of the device
- **Dev. Name** : Enter unique device name for LAN communication (Use for SDK)
- **ETH** : Used to set and modify Ethernet network settings (To connect to the Ethernet, Connect the Ethernet cable to device and Set **Enable** in **ETH** option as **Yes**)
- **Wi-Fi** : Used to connect to Wi-Fi and modify Wi-Fi settings

Step 1: Set Enable option as **“Yes”**.

Step 2: Scroll down to **Search** option

Step 3: Select your particular Wi-Fi network and enter the password.

- **Mobile Net.** : Used to connect to GPRS network.
 - ▶ Select APN: Allows to select particular Access Point Name for provided SIM.
 - ▶ Modify APN: Allows to modify and SIM APN:
 - JIO - jionet
 - AIRTEL - airtelgprs.com
 - IDEA – internet
 - VODAFONE – www

- **Server IP:** Used to enter to the particular Server where device is to be connected.
- **Server Port:** Used to enter the port no. for the particular IP.

LOCKCTRL

LockCtrl	
Users to Open	1
Lock Delay	5Sec.
Sensor Type	Disable
Sensor Delay	10Sec.
Anti Passback	No
Alert Delay	1Sec.
Turn Off Alarm	
Tamper Alert	No

TIME SETTING

- **Time Setting** : Used to set time zone for the users

WORK CODE

- **Work Code** : User can set work code for employees for Different purposes



Enable	No
1	
2	
3	
4	
5	
6	
7	

VIEW INFO

4.1 User Log:

- User can find logs for date wise.

4.2 Reg. Info:

- All Users/Logs Registered Information are available in this device (User, Admin, Fingers, Cards, Passwords, New Logs, All Logs)

4.3 Dev. Info:

- All Device Information are available in this device (Model Number, Serial No., and Firmware)

- **Users to Open** : Mentions how many users can Punch into the device
- **Lock Delay**: The time duration (in seconds) for which the Lock will remain open (unlocked).
- **Sensor Type**: Describes the sensor type for which access control is applied (if using feedback Lock)

Disable (by default)

NC: States that the device should be Normally Closed after the punch

NO: States that the device should be Normally Opened after the punch

- **Sensor Delay**: Sensor for feedback lock which triggers the alarm after the stated Seconds
- **Anti Passback**: The one who enters they must have to pass the exit. (If using N-F12)
- **Alert Delay**: Triggers the alarm for Tamper Alert after the displayed time.
- **Turn Off Alarm**: Used to turn off manual alarm or Fire Alarm triggered for release for locking the doors
- **Tamper Alert**: Used to trigger the alarm whenever someone tried to tamper the device.
- **Wiegand Format**: This option is used to select the format of bits of the Wiegand.
 - ▶ WG 26: 26-bit Wiegand format
 - ▶ WG 34: 34-bit Wiegand format
- **Wiegand Input**: Used to select the input as CARD number for Wiegand.
- **Wiegand Output**: Used to select the output as USER ID or CARD number for Wiegand.
- **Door Status**: Used to set the Door Punch as in or out (Compulsory using AntiPassback)