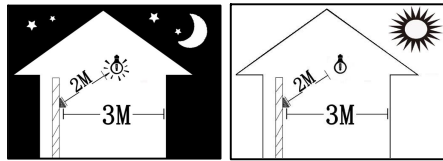# iFace Series Quick Start Guide

Version: 1.2

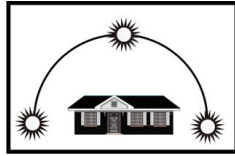## 1. Installation Environment

Recommended location:

Install the iFace indoors at least 10 feet (3m) away from windows, and 6.5 feet (2m) away from light fixtures. Preferable light intensity should range between 0-800 LUX.
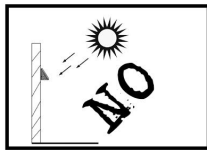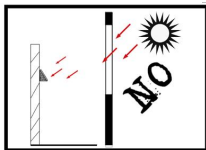
10Lux   1200+ Lux   0-800Lux
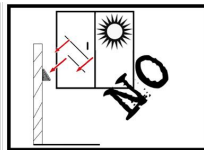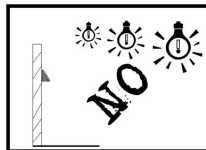
NOT Recommended locations:

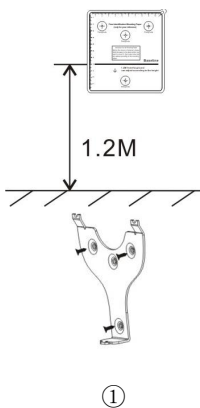| Direct sunlight Outdoors	Direct sunlight thru window	Indirect sunlight thru window	Too close to light fixtures

2. Installation Steps

Step #1:
Affix the paper template to the wall and drill three (3) holes within the three (3) marked circles on the paper template.
We recommend affixing the template about four (4) feet (1.2m) above the ground, assuming the average height of your users is 5-6 feet tall(1.5m-1.85m).

1.2M

①   ②   ③
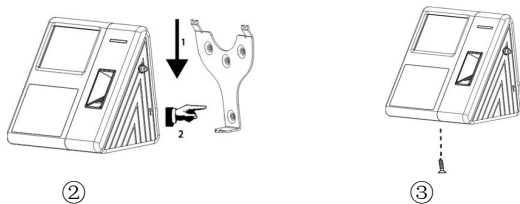
Step # 2:
Now affix the mounting plate on the wall by drilling three (3) screws into the three (3) circles marked on the paper template. Then hang the iFace on the mounting plate (top side first). Then secure the iFace to the mounting plate with a screw from below.

## 3. Recommended standing-distance from iFace

1.2M

0.5M
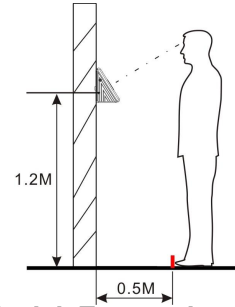
For users 5-6 feet tall (1.5m-1.85m) we recommend users stand about 2 feet (0.5m) from the wall.

When viewing your image on the iFace display window, step away if your image appears too bright. Step closer if your image appears too dark.

4. Facial Expression and posture (pose) while standing

Recommended facial Expressions vs. poor Expressions

YES   NO
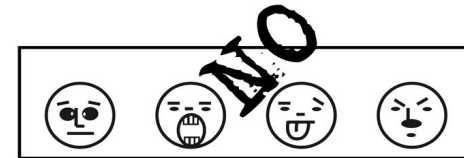
Recommended Posture (pose) vs. poor Posture (pose)

YES   NO
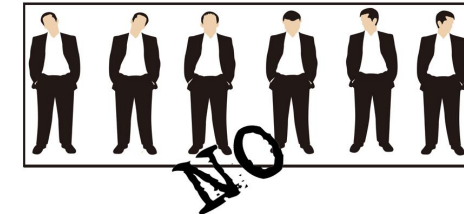
Note:During enrollment and verification, try to have a relaxed unstrained facial expression and stand upright.

5. Enrollment and Verification

Recommended:

Enroll   Verify

1.2M   1.2M

0.5M   0.5M
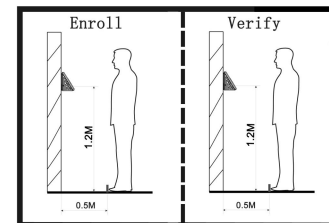
When enrolling users and then subsequently verifying those users, it's important those users consistently stand (or sit) at the same distance and angle from the iFace.

Too high

Too low

Too close

Too far

6. Enrollment – Facial Expression

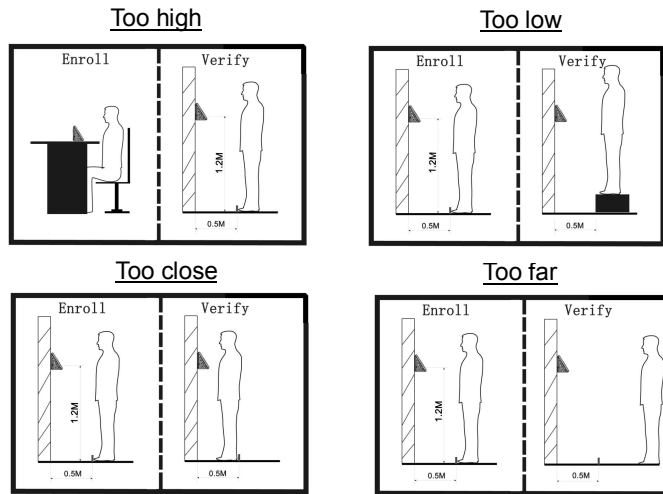During the enrollment, position your head such that your face appears in the center of the iFace display window. The iFace will prompt you how to move your head.

Follow the voice prompts by Focus eyes inside the green box. The user needs to backward during face registration. The pose for registration is shown in the figure at the left side (This is a simulated face shown in the figure):
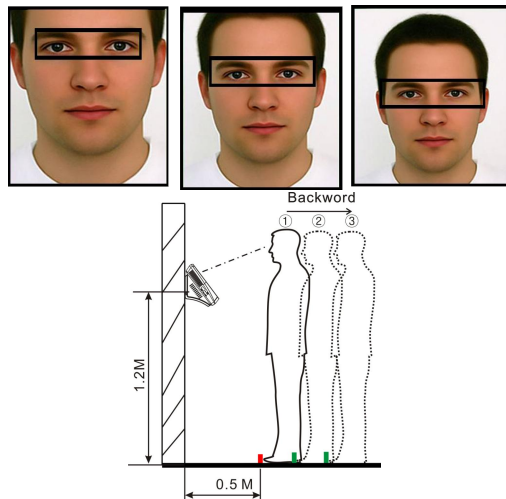
7. Enrollment and Verification method

The iFace has four (4) methods of enrollment: **Face/Fingerprint/Password/ID card (optional)**.
The iFace has many ways of Identification and Verification:**1:G Face Identification/1:N Face Identification /1:N Fingerprint Identification/ID card Identification/Password Identification/1:1 ID Card plus Face Verification/1:1 ID card plus Fingerprint/1:1 PIN plus Face/1:1 PIN plus Fingerprint**.
If you experience difficulty using either **1:G Face** or **1:N Fingerprint** matching, simply switch to 1:1 matching.

1:N verification is the terminal compares current face image (or fingerprint) collected by the camera (or sensor) with all face (or fingerprint) data on the terminal. 1:1 verification is the terminal compares current facial (or fingerprint) collected through the facial (or fingerprint) collector with that in relation to the user ID entered through keyboard. 1:G verification is the terminal compares current facial collected by the camera with all face date that in the group NO. you input.
We don't promise the perfect verification effect of each person, especially for the person, whose height is higher or lower than the common average height, or whose face is changed greatly during the enrollment and verification (such as with glasses and no glasses, makeup and no makeup) etc. The use effect may be affected.

8. Adjusting Exposure (contrast) of captured Face images

The iFace will automatically adjust the image-contrast according to the environment. If the captured face-image is poor, you can adjust the Exposure setting.

Press MENU on the iFace window display -> SYSTEM -> FACE -> EXPOSURE. Default setting is 300.

When the captured image is too BRIGHT, then **LOWER** the exposure setting. When the captured image is too DARK, then **INCREASE** the exposure setting.

Too bright

Good

Too dark
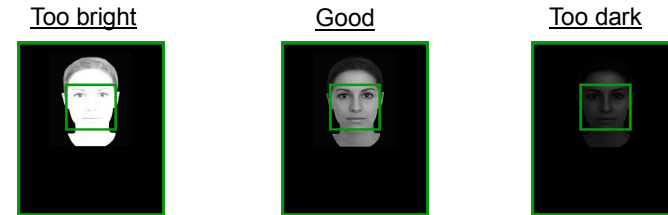
Note: Manual configuration of EXPOSURE will affect the device performance. If you want to do it, please be free to contact with our technician.

9. Grouped Authentication (1:G Authentication)

When you open the 1: G Verify function, then you can make 1:G facial verification. During face enrollment, the iFace automatically allocates a group No. starting from 1 for every user in sequence. If you wish to change the Group #, press MENU -> User -> [Add] or [Edit] window, then modify the Group #.

In the face verification window, the current Group # will be displayed and the users in THAT Group # can be identified by face alone, without the need to enter his/her User ID #.

When users in OTHER Group #'s want to identify, they must FIRST enter his/her Group # prior to identifying. The iFace remains programmed on the last recent Group # entered.

Short-cut keys can be used for Group # selection. Press Menu -> Keyboard, then press short-cut keys [F1] - [F5] and set them as Face Group #1 to Face Group #5.

10. Screen Calibration

If the screen display is not reacting to the user's touch properly, the screen can be calibrated by the menu.

Press MENU on the screen -> Calibration. A "cross-hair" target will appear on the screen.

Press your finger on the center of the cross-hair. After pressing five (5) successive times on the cross-hair, the iFace will return to the main menu automatically. Then press the [Back] key to return to the original window.