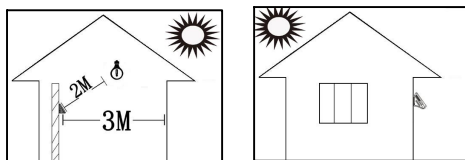


VF Series Quick Start Guide

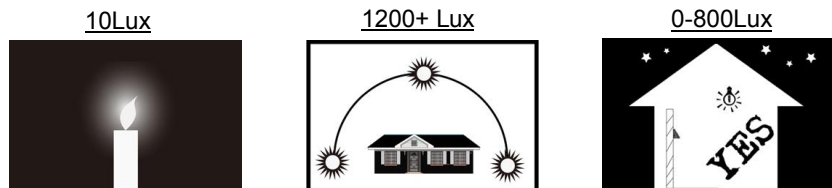
Ver:1.0

1. Installation Environment

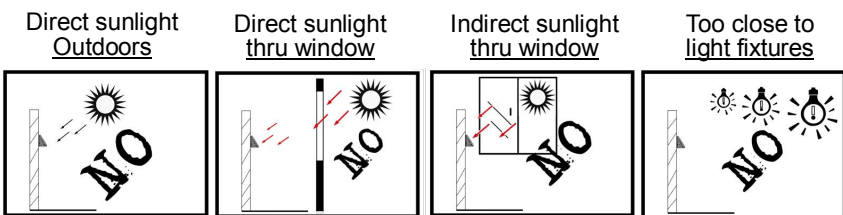
Recommended location:



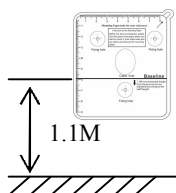
The device can be installed in indoor and outdoor places; the illuminance of external light source is 0-8000LUX. Direct sunlight shall be avoided if the device is installed in outdoor places. Install the device indoors at least 10 feet (3m) away from windows, and 6.5 feet (2m) away from light fixtures.



NOT Recommended locations:

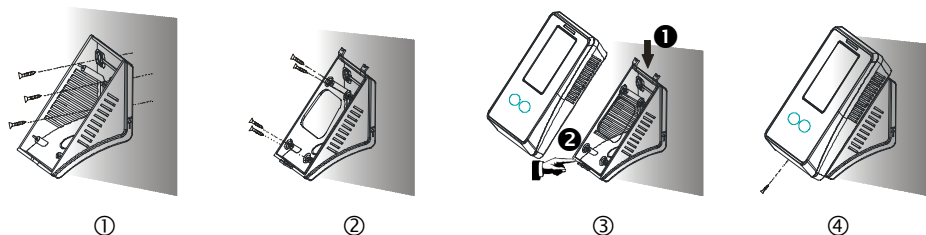


2. Installation Steps



Step #1:

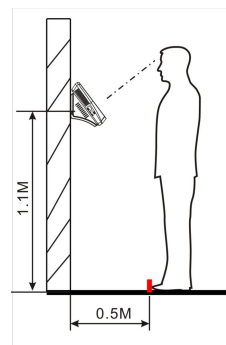
Affix the paper template to the wall and drill three (3) holes within the three (3) marked circles on the paper template. We recommend affixing the template about 3.6 feet (1.1m) above the ground, assuming the average height of your users is 5-6 feet tall (1.55m-1.85m). The installation height four (4) feet (1.2m) is applicable for the body height over 5.4 feet (1.65m).



Step # 2:

Align the wall mounted base to the holes on the wall, and use three screws to fix it onto the wall (figure ①); align the iron board to the holes on the wall mounted base, and use four screws to fix it onto the wall mounted base (figure ②); connect the device with the iron board (from the top down), to ensure it is tightly jointed with the board (figure ③); finally use one screw to fix the device and the iron board (figure ④).

3. Recommended standing-distance from device

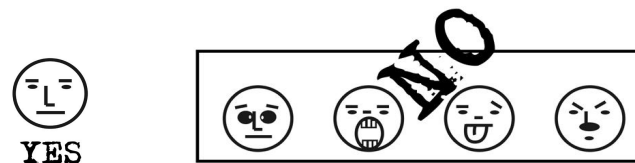


For users 5-6 feet tall (1.55m-1.85m) we recommend users stand about 2 feet (0.5m) from the wall.

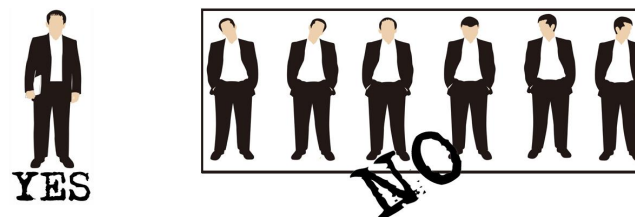
When viewing your image on the device display window, step away if your image appears too bright. Step closer if your image appears too dark.

4. Facial Expression and posture (pose) while standing

Recommended facial Expressions vs. poor Expressions



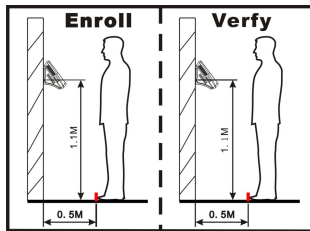
Recommended Posture (pose) vs. poor Posture (pose)



Note: During enrollment and verification, try to have a relaxed unstrained facial expression and stand upright.

5. Enrollment and Verification

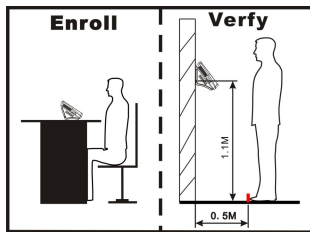
Recommended:



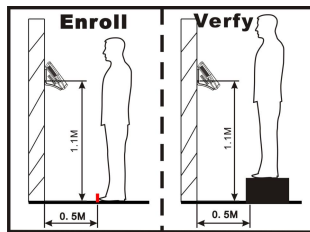
When enrolling users and then subsequently verifying those users, it's important those users consistently stand (or sit) at the same distance and angle from the device.

Several wrong ways:

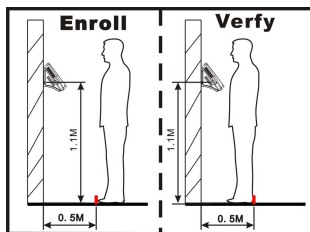
Too high



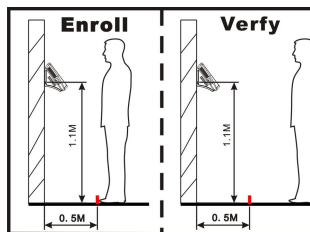
Too low



Too close

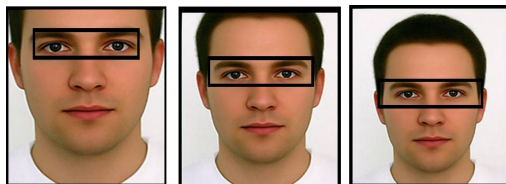


Too far



6. Enrollment – Facial Expression

During the enrollment, position your head such that your face appears in the center of the device display window. Follow the voice prompts by Focus eyes inside the green box. The user needs to move the face up or down 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 device has three (3) methods of enrollment: **Face /Password/ID card.**

The device has many ways of Identification and Verification: **1:N Face Identification/ID card Identification/Password Identification/1:1 ID Card plus Face Verification/1:1 PIN plus Face.**

Use **1:N**(face) for FAST 1-step matching. With one glance, the device will query its entire database to see if your face exists.

Use **1:1** (face)2-step matching when you need greater accuracy and reliability.

Step #1:Enter your User ID#.

Step #2:Display your face. device will attempt matching your “stored” face with “live” face.

During the verification, position your head such that your face appears in the center of the device display window. Focus your face inside the green box.



8. Adjusting Exposure (contrast) of captured Face images

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

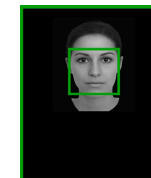
Press MENU on the device window display -> SYSTEM -> FACE -> EXPOSURE. Default setting is 300.

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

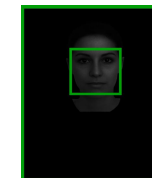
Too bright



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. 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 device will return to the main menu automatically. Then press the [Back] key to return to the original window.