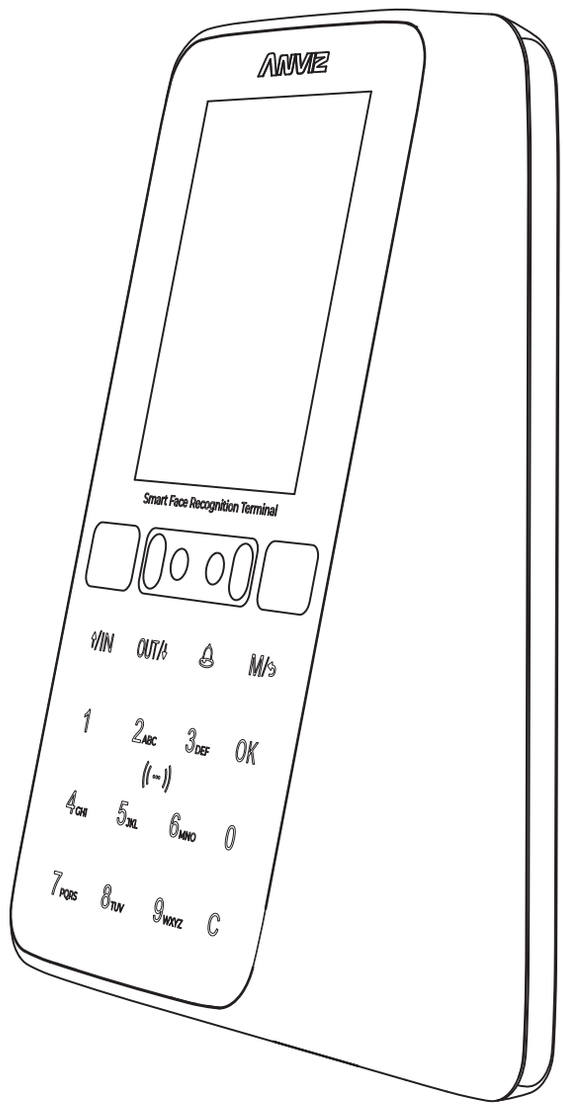
Secure Workplace, Simplify Management

W3

Smart Face Recognition Terminal



User Guide

Rev: 2023/12

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Introduction

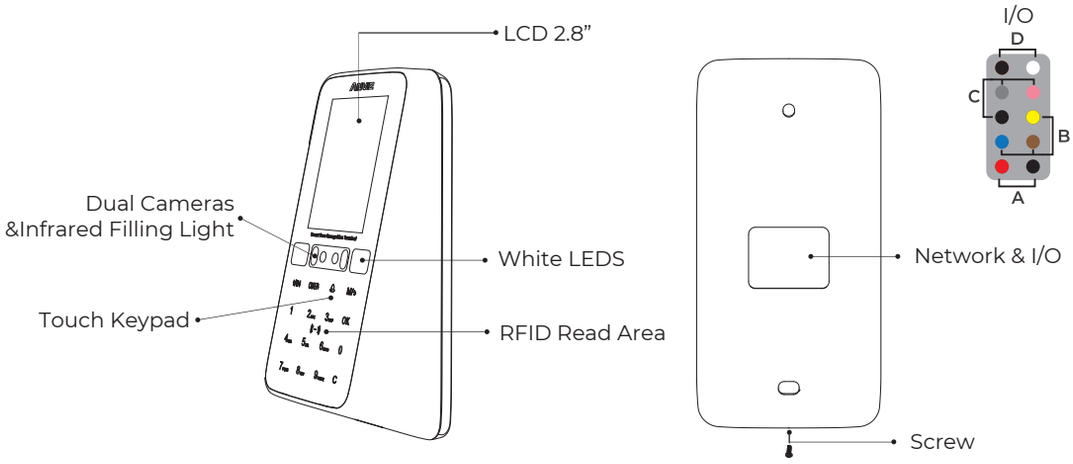
W3 is a facial attendance and access control device in the W series, targeted towards the mid-to-low-end market applications.

- Its main customer base includes office environments and various scenarios.
- The device is primarily used for attendance purposes, accounting for 70% of its application, while access control constitutes the remaining 30%.

- The W3 features a 2.8-inch screen and supports up to 200 facial users.
- It offers multiple verification methods, including password, card, and facial recognition.

- Furthermore, the device has been optimized for easyinstallation and use, with a focus on improving access control functionality. Its exquisite design and appearance seamlessly blend into modern office environments, making it simpler and faster to manage your workplace.

Appearance Description



A. Power Supply

Name	Color
PWR +12V (12V IN)	Red
PWR GND	Black

B. Relay Output

Name	Color
COM	Blue
NC	Brown
NO	Yellow

C. Input

Name	Color
GND	Black
Open	Gray
Door Monitor (D/M)	Pink

D. BELL

Name	Color
BELL -	Black
BELL +	White

Safety Instructions

Observe the following instructions to use the product safely and prevent any risk of injury or property damage.

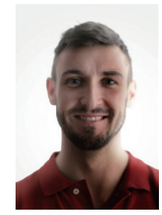
- Do not use oily water or sharp objects to stain or damage the display screen.
- Fragile parts are used in the equipment, please avoid operations such as falling, crashing, bending or heavily pressing.
- The optimal working environment of W3 is indoor. The device function fully undertemperatur: -10°C~50C(14~122F), humidity.20- 90%. The best performance is between: 15°C~ 32C(59~ 89.6). The device will beless effective excess these ranges.
- Please gently wipe the screen and panel with soft materials. Avoid scrubbing with water ordetergent.
- The recommended power of W3 terminal is DC 12V 2A. The device will functioness effective in case the power supply cable extended too long.
- If there is no ambient light, it will affect the face recognition distance of W3. Please use it under normal indoor lighting conditions

Installation

The Sunlight and Hard Light may lead to big differemce between site image and registered image; backlight, side-light and strong light will influence the recognition experience.
(Notice: from the view of human eyes, the color changes on face skin may result in wrong recognition of of identity; uncler exposure area, no matter large or small, may influence the identity judgement)

Side Light

Strong Light



Back Light

Device shall be installed in places avoiding backlight, side-light, strong light and direct sunlight.

The recommended place for Installation (Please keep 3m away from the window, or does not influenced by sunlight, can be considered for installation)

Backlight, side-light or direct strong light, not suitable for installation.

Other areas, install in suitable places according to actual light impact.

Hard Light

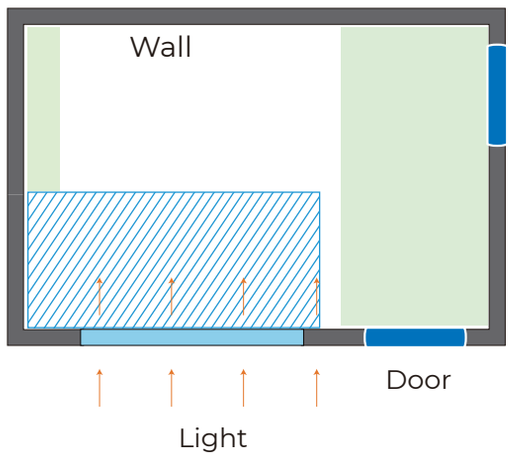
Door

Wall

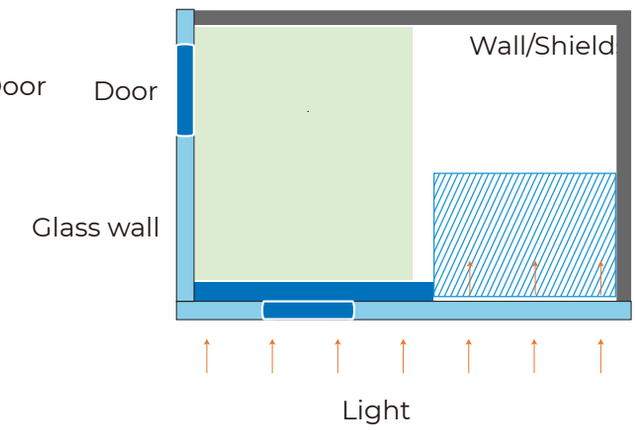
Curtain

Glass Window or Class Wall

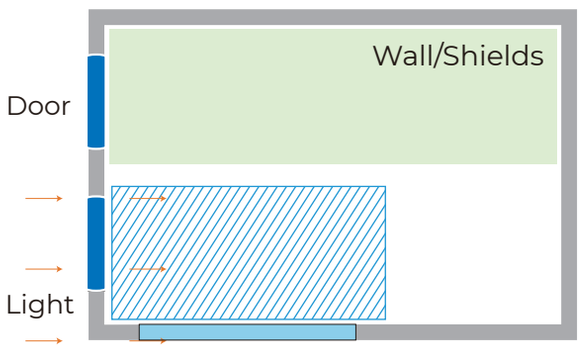
Sunlight Shines Indoor



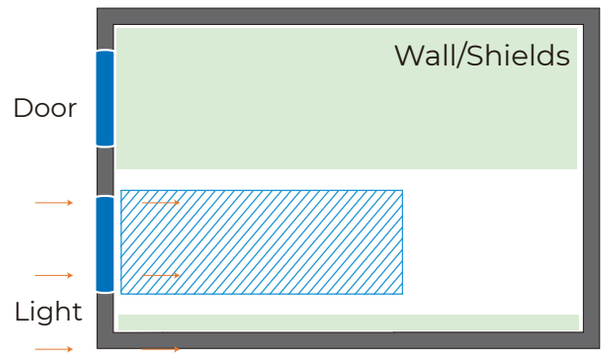
Glass Window



Sunlight Shines Through the Door, with Glass Window at One Side



Sunlight Shines Through the Door



Installation Position

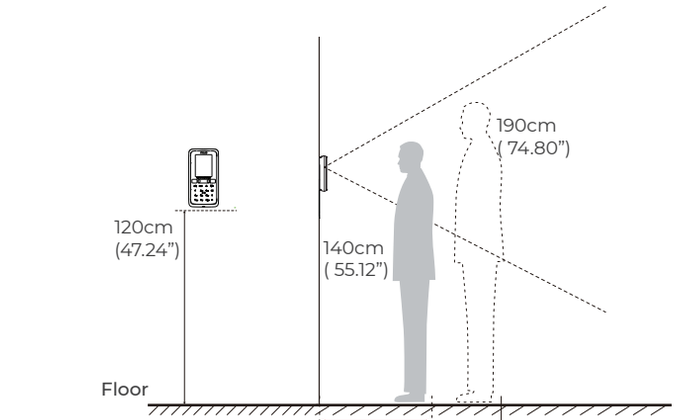
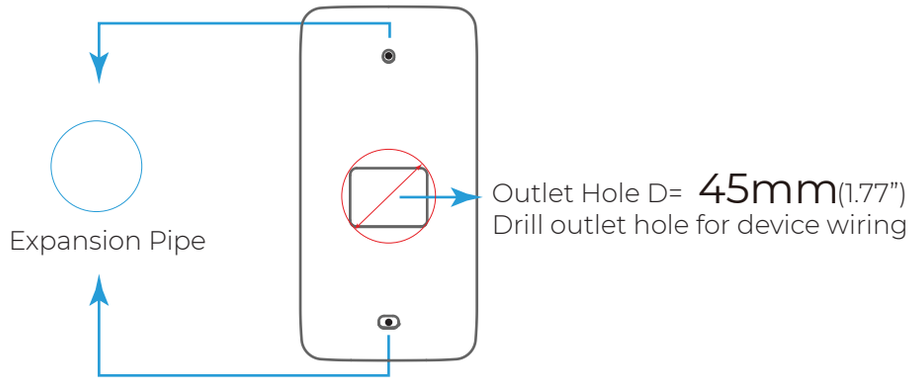


Fig.(1) Installation Position

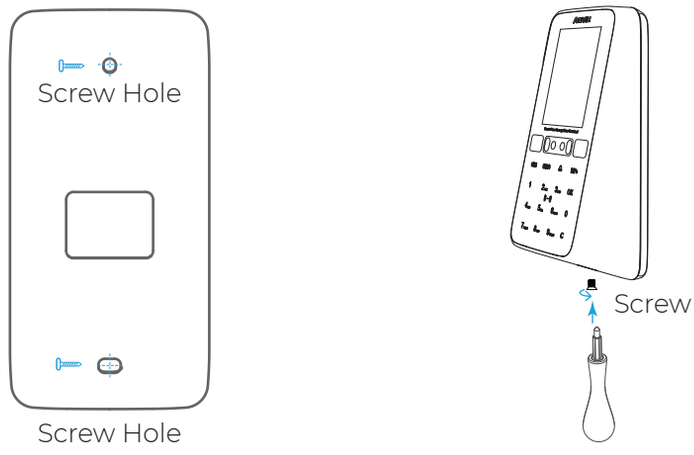
Suggested installation height (the distance between the lens and the ground is 1.2m(47.24"), as the recognizable body height range, 0.6m(23.62") distance away from the device, is 1.4-1.6m (55.12" -63.00"); the recognizable body height range, 1.0m(39.37") distance away from the device, is 1.4-1.9m(55.12"-74.80"). (There are some deviations) .

Installation Steps

1 Keep the mounting bracket parallel with the ground and 1.2m distance to the ground. Drill 2 screw holes on the wall according to the rmounting bracket ,



2 Please punch out the tail lines from the outlet hole before installing the mounting bracket and use the screws to fix the mounting bracket on the wall. Use the screwdriver to tighten thescrew follow the direction indicated, to complete the installation.



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