

# OET-231H

## Face Recognition Access Control Terminal

### Product Overview

OET-231H face recognition access control terminal is a kind of access control device with precise recognition rate, large storage capacity and fast recognition. The UNV face recognition technology is perfectly integrated into the access control device, which relies on deep learning algorithm, to support face authentication to open the door and achieve precise control of human. It can be widely applied to the scenarios of building systems, such as smart communities, office, and other industries.



### Product Features

- Deep learning algorithm model based on UNV independent intellectual property rights, face recognition accuracy rate > 99%, false rate < 1%
- Built-in deep learning dedicated chip, supports local offline recognition, 3,000 face capacity, face whitelist (1: N), 10,000 IC card capacity
- Fastest recognition time 0.2 seconds, various model merge mode are used to reduce false rate and increase pass rate
- Support anti-spoofing detection based on deep learning algorithm, effective against fraud such as photo and video
- Support face metering and human metering for fast adapting to ambient light
- Suggested height for face recognition: between 0.8m and 2.2m, face recognition distance: 0.2m to 2 m
- Support screen sleep mode, keep the minimum brightness to prevent glare at night
- Support add up to 6 photos of the base library for a single person
- Support video capture, support ONVIF protocol
- Support face, card, password authentication to control door open
- Built-in 4G EMMC front end storage, stable and reliable, up to 30,000 events capacity (with images)
- Support direct control door lock, exit button, door contact detection to implement access control management
- Support tamper protection, support door opening timeout, support time exceeding alarm, support keeping door opening while fire alarm active

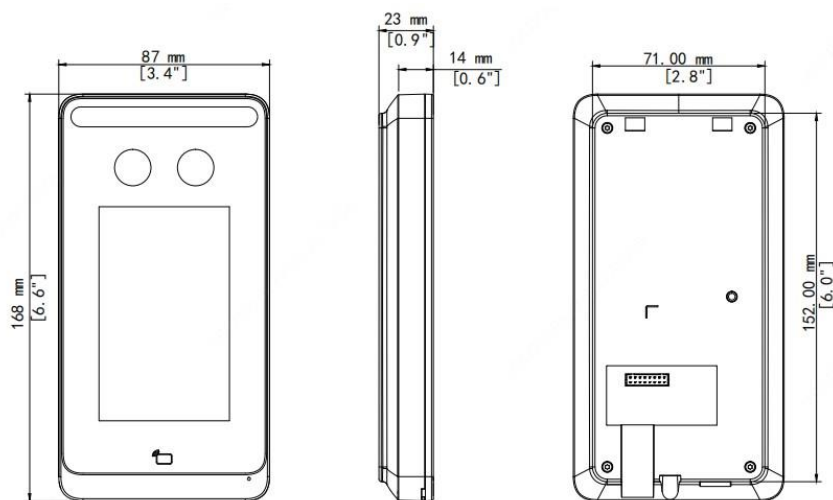
## Ordering Information

| Model    | Comment                                  |
|----------|--|
| OET-231H | Face Recognition Access Control Terminal |

## Product Specification

| Features Parameter             | Description   |
|--------------------------------|---|
| Operation System               | Linux   |
| Face Recognition Accuracy Rate | >99%  |
| Face Recognition Time          | 200ms   |
| Face Capacity                  | 3,000   |
| Card Capacity                  | 10,000  |
| Storage Capacity               | 4GB   |
| Event Capacity                 | 30,000 (with images); 100,000 (without images)  |
| Authentication Mode            | Face Whitelist: (1: N)<br>Card:(1:N)  |
| Door Opening Method            | Face, Password, Card  |
| Communication Mode             | 10/100Mbps adaptive network port  |
| Card Type                      | Mifare 1 Card   |
| User Management                | Support user library addition, deletion, update                                       |
| Record Management              | Support local recording and real-time upload  |
| Interface                      | LAN×1, RS485×1, Alarm Input×1, Alarm Output×1, Lock×1, Door Contact ×1, Exit Button×1 |
| Power Supply                   | Input 12V±25% DC  |
| Screen                         | Touch Screen, Size:4 inch, Resolution: 480×800  |
| Camera                         | Dual Lens, 2MP, 1080P   |
| Supplement Light               | LED soft light and infrared light   |
| Dimensions (L×W×H)             | 87.0mm×23.0mm×168.0mm   |
| Working Environment            | -10°C~ +50°C, Relative Humidity<95% (non-condensing)                                  |
| Application Situation          | Indoor  |

## Product Dimensions



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\*Product specifications and availability are subject to change without notice.