

OET-231KH@TF Face Recognition Access Control Terminal

Product Overview

OET-231KH@TF digital detection face recognition access control terminal is a kind of access control device with precise recognition rate, large storage capacity and fast recognition, which integrates UNV face recognition technology and non-contact temperature detection technology. The digital detection module supports rapid body temperature detection. Thus, the product can achieve face recognition and temperature detection at the same time, and support warning people with abnormal body temperature. 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
- WDR, 2MP (1080P) low illumination wide-angle camera for capturing high quality image with various complex lighting scenes
- 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 2m
- 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-231KH@TF	Face recognition access control terminal with digital temperature measurement module

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)
	Card:(1:N)
	Face +Body temperature+ Mask Detection
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)	88.0mm×33.0mm×175.0mm
Working Environment	For terminal: -10°C~ +50°C Relative Humidity<95% (non-condensing)
	For module: 15°C-30°C
Application Situation	Indoor, No-wind

Zhejiang Uniview Technologies Co., Ltd.

Building No.10, Wanlun Science Park, Jiangling Road 88, Binjiang District, Hangzhou, Zhejiang, China (310051)

Email:overseasbusiness@uniview.com; globalsupport@uniview.com

<http://www.uniview.com>

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