DATASHEET

OET-231K1H@TWD Face Recognition Access Control Terminal

Product Overview

OET-231K1H@TWD 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. And it can be widely applied to the scenarios of building systems, such as smart communities, public security, parks and other important areas.

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 authentication to control door open
- Built-in 4G EMMC front end storage, stable and reliable, up to 8,000 events capacity (with images)
- Support direct control door lock, exit button, door contact detection to implement access control management
- Support tamper protection, support door open timeout and time exceed alarm function to keep door opening during fire alarm active

Ordering Information

Model	Comment
OET-231K1H@TWD	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	6,000
Storage Capacity	4GB
Event Capacity	8,000 (with images)
Measurement Range	30℃-45℃
Measurement Accuracy	0.1℃
Measurement Deviation	≤0.3℃
Measurement Distance	1cm-4cm
Authentication Mode	Face Whitelist: (1: N)
	Card:(1:N)
	Face +Body temperature+ Mask Detection
Door Opening Method	Face, 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，SEN_INPUT×1，BUTTON_INPUT×1，VDD12 INPUT×1，GND×4
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℃-50℃, Relative Humidly<95% (non-condensing) For module: 10℃-40℃
Application Situation	Indoor,

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

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