# OET-573B-HMQR-WR Face Recognition Terminal

Overview

OET-573B-HMQR-WR 7'' face recognition terminal features high performance, high reliability, high face recognition accuracy rate, large library capacity, quick recognition and excellent light adaptability. UNV face recognition technology is perfectly integrated into the access control product to realize precise access control by face authentication based on the deep-learning algorithm. In addition, a built-in QR code module is also integrated to meet different demands of users. This product can be widely used in application scenarios such as buildings, parks, enterprises and offices.
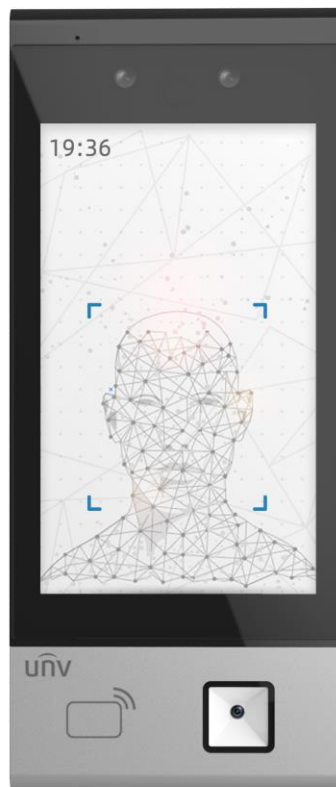
Features

- Industrial-grade design presents a classy and elegant appearance.
- Embedded Linux OS ensures stable and reliable operation.
- Built-in QR code module, feature-rich and highly-integrated.
- With UNV deep learning algorithm model, face recognition accuracy rate > 99%, false rate < 1%, fast face recognition speed (up to 0.2s).
- Built-in deep learning chip allows local offline recognition, 50,000 face (1:N) capacity.
- 2MP WDR camera with intelligent metering delivers high quality images in a variety of complex light conditions.
- RGB+IR dual-camera liveness detection function effectively prevents spoofing of images or videos.
- Integrated offline speech synthesis engine supports broadcasting person name after successful authentication and customizing various voice prompts.
- With advertising mode support, user can customize the time to switch to the next picture or video and view playback time statistics.
- Supports temperature measurement (an external temperature measurement module is required) and mask detection for pandemic prevention and control.
- Supports door opening by face, card, password, QR code, etc.
- Supports device management in the local interface and web interface, such as personnel entry, parameter configuration, and system maintenance.

- Supports connecting to a security module via RS485 to prevent door opening by tampering the device.

- Supports video collection and connecting VMS/NVR devices via ONVIF.

- Built-in 16G EMMC front-end storage with capacity of 200,000 records, stable and reliable.

- Alarm functions such as tamper protection, door open timeout, and authentication over times; supports connecting fire alarm devices to trigger the door to open in case of fire signal input.

- Provides multiple full-fledged APIs to enable management ofpersonnel, records, configurations, etc. on third-party platforms.

Ordering Information

Model	Remarks
OET-573B-HMQR-WR	7'' face recognition terminal (built-in IC card reader and QR code reader)

Specifications

Parameter	Description
Operating system	Linux
Face recognition accuracy rate	>99%
Face recognition time	200ms
Face capacity	50,000
Card capacity	50,000
Storage	16GB
Event capacity	200,000 events (without images); 50,000 events (with images)
Common authentication mode	Face allowlist (1:N)
	Number allowlist (1:N)
Door opening mode	Face, password, QR code, card, or any combination of them
Communication mode	1×100Mbps Ethernet interface
Card support	Mifare card, USIM NFC card
Personnel management	Supports adding, updating and deleting face libraries and their members
Record management	Supports saving records locally and uploading records toa third-party platform in real time
Interface	Network port×1, Wiegand input×1, Wiegand output×1, RS485×1, alarm input×2, alarm output×1, door lock interface×1, door sensor interface×1, door button×1
Network	Two network modes: 1. Connects to a Wi-Fi 2. Provides a hotspot for other devices
Power	DC 12V±25% input
Touch screen	Size: 7-inch Resolution: 600×1024
Camera	2MP RGB+IR dual-camera
Illumination	IR
Dimensions (L×W×H)	260.2mm × 110mm × 23.5mm
Mount method	Standard metal wall mount, supports bare installation and 86-box installation
Operating environment	-20°C to 60°C; <95%, non-condensing
Protection Level	IP65 (Apply waterproof glue to the gap between the device and the wall. For more information, see the quick guide.)
Application scenario	Indoor/outdoor

Accessories

Accessory	Remarks
OEP-SP11	Power adapter
EP-ZF1	Face recognition terminal stand
EP-SC33	Sunshade cover

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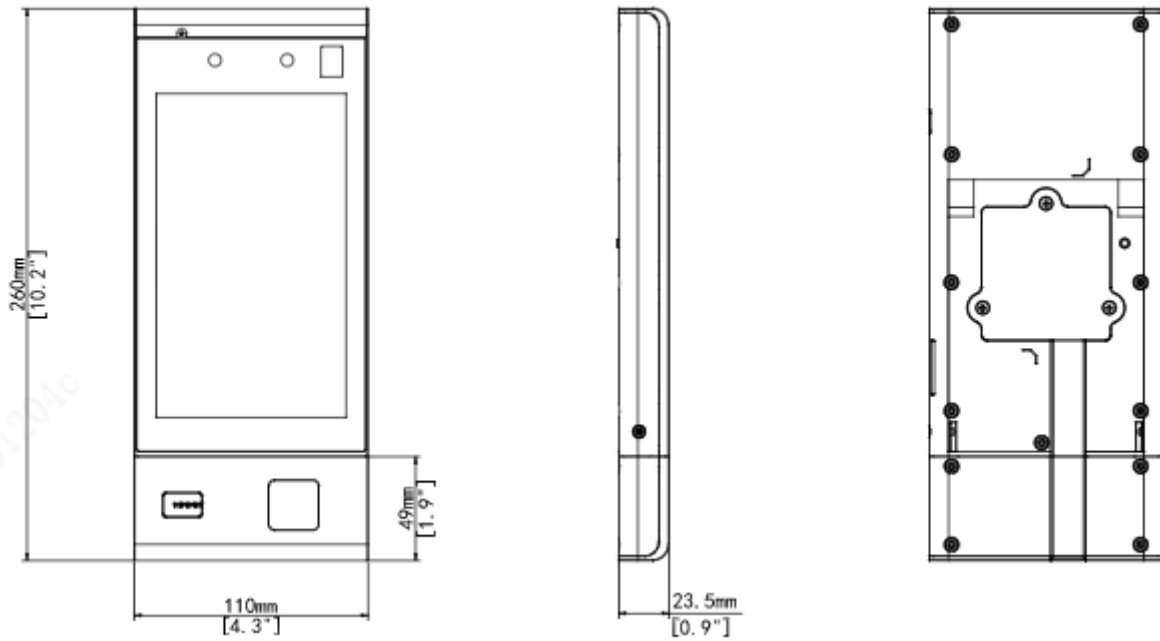
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*   Product specifications and availability are subject to change without notice.