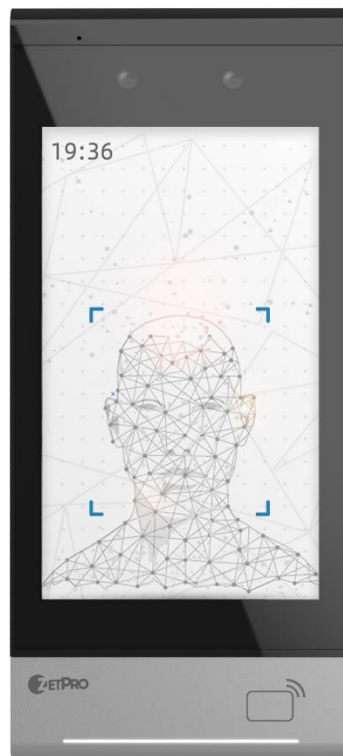


Access control and person recognition terminal ZIP-10S7FR-AI

Overview

ZIP-10S7FR-AI face recognition terminal features high performance, high reliability, high face recognition accuracy rate, large library capacity, quick recognition and excellent light adaptability. ZetPro 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. 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.
- With ZetPro 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, 20,000 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, etc.
- Supports device management in the local interface and web interface, such as personnel entry, parameter configuration, and system maintenance.

- Supports video collection and connecting VMS/NVR devices via ONVIF.
- Built-in 4G EMMC front-end storage with capacity of 30,000 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 of personnel, records, configurations, etc. on third-party platforms.

Ordering Information

Model	Remarks
ZIP-10S7FR-AI	Access control and person recognition terminal

Specifications

Parameter	Description
Operating system	Linux
Face recognition accuracy rate	>99%
Face recognition time	200ms
Face capacity	20,000
Card capacity	20,000
Storage	4GB
Event capacity	30,000 events (without images); 8000 events (with images)
Common authentication mode	Face allowlist (1:N)
	Number allowlist (1:N)
Door opening mode	Face, password, card, or any combination of them
Communication mode	1×100Mbps Ethernet interface
Card support	Mifare card, NFC card
Personnel management	Supports adding, updating and deleting face libraries and their members
Record management	Supports saving records locally and uploading records to a 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
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)	246mm × 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
Application scenario	Indoor/outdoor

Dimensions

