

AI FACE RECOGNITION TECHNOLOGY SYSTEM - ST-6942MFW / ST-6942EFW

The HIK Vision ST-6942MFW or ST-6942EFW terminal adopts a deep learning algorithm, enabling faster and more accurate face recognition. It supports multiple authentication modes, including face recognition, fingerprint, and card authentication. The terminal is designed for various applications, such as office buildings, educational institutions, industrial sites, and other critical areas.

Features AI Face Recognition Technology System - ST-6942MFW / ST-6942EFW

- ✓ Mask Detection Alerts: No mask – voice reminder, access denied; With mask – voice reminder, access allowed
- ✓ Recognition Range: 0.3 m to 3 m
- ✓ Capacity: 6,000 faces, 5,000 fingerprints, 10,000 cards, 150,000 events
- ✓ Recognition Speed & Accuracy: < 0.2s per user, ≥ 99% accuracy
- ✓ Two-way audio with indoor and main stations
- ✓ Supports 6 attendance statuses: check in, check out, break in, break out, overtime in, overtime out
- ✓ Remote door unlock and live view via Hik-Connect



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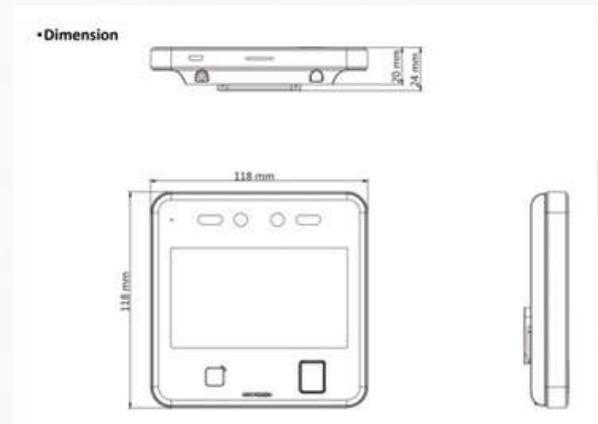
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Face Recognition

- Recognition distance: 0.3 to 3.0 m
- Multiple authentication modes are available: card and face, fingerprint and card and etc.
- Transmits card and user data from or to the client software via TCP/IP communication and saves the data on the client software.
- Suggested height for face recognition: between 1.4 m and 1.9 m.
- Supports 6 attendance status, including check in, check out, break in, break out, overtime in, overtime out.
- Watchdog design and tamper function
- Audio prompt for authentication result
- Imports and export data to the device from the client software.
- Imports pictures from the USB flash drive to the device or export pictures, events, from the device to the USB flash drive
- Manage, search and set device data after logging in the device locally



Access Control Terminal

- Support all kind of access control system including glass/wooden door access.

Application Scenarios

Dormitory

Construction

School

Healthcare

Factory

Shipyard



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Specifications of AI Face Recognition Technology System - ST-6942MFW / ST-6942EFW

Operating system	Linux
Screen	4.3-inch
Card capacity	10,000
Event capacity	150,000
Face capacity	6000
Face recognition distance	0.3 m to 3 m
Face recognition duration	< 0.2 s
Network interface	× 1, RJ45
Wiegand	Wiegand 26 and Wiegand 34
Communication protocol	EHome 5.
Power supply	12 DC, 2 A
Working humidity	0 to 90% (No condensing)
Working temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Wired Network	10 M/100 M/1000 M self-adaptive
Application environment	Indoor use or outdoor use
IP Rating	IP65



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