



Outdoor & Vandal Resistant Facial Recognition Reader

SF1008-WP

SKU: 112574

SpeedFace model SF1008-WP is a high-performance outdoor face recognition reader used primarily in access control applications. It combines a powerful embedded camera and ZKTeco's latest face & demographic recognition algorithm supported by an optimized dual-core processor. SF1008-WP is unmatched in accuracy, matching-speed and versatility. Advanced security and convenience, all on a single affordable platform. By combining the latest advancements in artificial intelligence with an optimized dual-core CPU, SF1008-WP has truly reached a new height in user authentication technology. It's powerful embedded anti-spoofing engine can withstand almost all types of fake photo attacks. SF1008-WP can store and match up to 50,000 faces in less than 0.3 seconds per face in both extreme lighting (>50,000 lux) and severe rain conditions. It's IP68 and IK04 rating ensures its reliable operation even in the most hostile environments. In addition to face and demographic recognition, SF1008-WP is also equipped with a microwave detector which wakes up the device when a person stands within close proximity. SF1008-WP is truly the ultimate in secure, convenient, and reliable hands-free user authentication for numerous applications.

Features

- Large capacity of facial templates; 1: N 50,000 facial templates
- Ultra fast facial recognition in just 0.3s
- Anti-Impersonation technology prevents false approvals, discards color and black & white photographs, videos and 3D masks
- The intelligent energy-saving design accurately assesses the distance of up to 8.5 feet between the user and the device using a microwave detector before activating the recognition device
- Integrated 125 kHz prox card reader (Mifare optional)
- 2MP CMOS sensor camera with WDR and starlight function, which allows the device to recognize faces in extreme lighting conditions (0.5 lux 50,000 lux)
- Supplementary light with variable brightness
- 8" touch screen with 400 lux, which offers better visibility under intense light

Capacity Faces: 50,000(1:N) Palms: 5,000 (1:N) Users/Cards: 50,000 Transactions: 1,000,000 User Photos: 30,000 Event Photos: 10,000 Compatibility Security Relay Box Wiegand / RS485 / RS232 Secondary Reader with Fingerprint / RFID / Bar code / QR-Code ZKBioSecurity Software Hardware 900 MHz Dual Core CPU Customized AI CPU 512 MB RAM / 8G Flash 8" Bright Light (400lux) IPS Touch LCD 125KHz EM Reader/ 13.56MHz MF (optional) Adjustable Light Brightness LED Hi-Fi Voice Receiver Sensitivity Microphone Distance Detection Sensor Reset Button & Tamper Switch Access Control Interface Lock Relay Output Alarm Output /Auxiliary Input Exit Button / Door Sensor Special Functions IIP68 & IK04 0.3s High Speed Facial Verification Live Face Detection Event Snapshot Communication Https Encrypted (optional) Standard Functions Access Levels, Groups, Holidays DST, Duress Mode (password) Anti-Passback, Record Query, Custom Wallpaper & Screen Saver, Tamper Switch Alarm Communication TCP / IP Wiegand Input / Output Wi-Fi (Optional) RS485 / RS232 Additional Info Face Algorithm: ZKLiveFace 5.8 Working Temp: -22 F to 140°F Working Humidity: <93% Storage Temp: -40 F to 149 F Storage Humidity: <93% Net Weight: 1.88 lbs Size (HxLxD): 8.9 x 5.6 x 1 inch Power Operating Voltage: 12V DC Current Draw: < 2,000mA