ZKTeco Access Control Terminal SenseFace 7A



Catalogue SKU	RL-ZK-0048
Supplier model	SenseFace 7A Face & FP & RFID

Royal Link supplier product summary, not a manufacturer-issued datasheet or manual. Specifications reproduce the supplier entry for this SKU. Optional functions, accessories and compatibility depend on configuration; confirm configuration, pricing and availability before ordering.

Product details, source references and enquiries

Supplier specifications

Item	Catalogue specification
Display	7"@ TFT Color Touch LED Screen (600*1024)
Camera	WDR Binocular Camera @ 1MP
Operation System	Linux
Hardware	CPU: Dual Core@1GHz RAM: 512MB; ROM: 8GB Speaker: 8 ohm@1 W Microphone: *1 (Sensitivity: -32dB / Omni-directional / Signal-to-Noise Ratio: -32dB / Impedance: 2.2kΩ) Supplement Light: No Fingerprint Sensor: In-Glass Fingerprint (Z-ID) (SenseFace 7A / SenseFace 7A (Big Capacity Version))
Authentication Method	Fingerprint / Face / Card / Password (Virtual Keypad)
Fingerprint Template Capacity	10,000 (1:N) (Standard)
Face Template Capacity	SenseFace 7A / 7B: 10,000 (1:N) SenseFace 7A / 7B (Big Capacity Version) : 50,000 (1:N)
Card Capacity	SenseFace 7A / 7B: 50,000 (1:N) (Standard) SenseFace 7A / 7B (Big Capacity Version) : 50,000 (1:N) (Standard)

Item	Catalogue specification
User Capacity	SenseFace 7A / 7B: 50,000 (1:N) (Standard) SenseFace 7A / 7B (Big Capacity Version) : 50,000 (1:N) (Standard)
Transaction Capacity	SenseFace 7A / 7B: 300,000 SenseFace 7A / 7B (Big Capacity Version) : 300,000
Max. User Password Length	8 Digits
Biometric Verification Speed	SenseFace 7A / SenseFace 7A (Big Capacity Version) : less than 0.5 sec (Fingerprint); less than 0.35 sec (Facial Authentication) SenseFace 7B / SenseFace 7B (Big Capacity Version): less than 0.35 sec (Facial Authentication)
Touchless Biometric Recognition Distance	30cm to 200cm (Facial Authentication)
False Acceptance Rate (FAR) %	SenseFace 7A / SenseFace 7A (Big Capacity Version): FAR ≤ 0.01% (Visible Light Facial Authentication); FAR ≤ 0.0001% (Fingerprint) SenseFace 7B / SenseFace 7B (Big Capacity Version): FAR ≤ 0.01% (Visible Light Facial Authentication)
False Rejection Rate (FRR) %	SenseFace 7A / SenseFace 7A (Big Capacity Version): FRR ≤ 0.02% (Visible Light Facial Authentication); FRR ≤ 0.01% (Fingerprint) SenseFace 7B / SenseFace 7B (Big Capacity Version): FRR ≤ 0.02% (Visible Light Facial Authentication)
Biometric Algorithm	ZKFace V4.0 ZKFingerprint V13.0 (Standard) / V10.0 (Optional)
Card Type	ID Card @ 125 kHz (Standard) IC Card @ 13.56 MHz (Optional)
Communication	TCP/IP*1 Wi-Fi (IEEE802.11b/g/n/ax) @ 2.4 GHz (Optional) Wiegand (Input or Output)*1 RS485: ZKTeco RS485*1 USB: Type A (USB Drive Only)*1 Aux Inputs *1, Electric Lock*1, Door Sensor*1, Exit Button*1, 12V Output*1
Standard Functions	ADMS, DST, Photo Capture, Event Photo Capture, Up to 14-digit User ID, Access Levels, Groups, Holidays, Anti-Passback, Record Query, Schedule Bell, Tamper Switch Alarm, Automatic Status Switch, Multiple Authentication Methods, SIP Client (Version 2.0), ONVIF (Compatible with Profile S, Profile T, Profile G, Profile C, Profile Q & Profile A), AC Push and TA Push Protocol Switch, HTTPs / SSH Backend Access, T9 Keyboard (Input)

Item	Catalogue specification
Optional Functions	IC Card, Wi-Fi, Wireless Doorbell
Access Control Interface	RS485 (RS485 Card Reader / Biometric Reader)
Video Intercom	Video Intercom(ZKTeco Private Protocol via TCP/IP) Support Devices: Standalone Terminal: SenseFace Series; Indoor Monitor: VT07-B01, VT07-B01-W Video Intercom (Standard SIP Protocol) Support Devices: Standalone Terminal: SenseFace series; Indoor Monitor: VT07-B22L, VT07-B26L-W; Software: ZKBio CVSecurity, BioTalk Pro; Mobile App: ZKBio Zlink, ZKBio Zexus
Net Weight	0.622 Kg
Power Supply	DC 12V 3A (Optional)
Operating Temperature	-5°C to 45°C
Supported Software	On-Premise Software: ZKBio CVSecurity (AC PUSH) & ZKBio Time (TA PUSH) Cloud-based Software: ZKBio Zlink (Supports Web Portal & Mobile App)
Installation	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box)
Operating Humidity	10% to 90% RH (Non-condensing)
Dimensions	SenseFace 7A / SenseFace 7A (Big Capacity Version) : 238mm * 115mm * 22.3mm (L*W*H) SenseFace 7B / SenseFace 7B (Big Capacity Version) : 214mm * 115mm * 22.3mm (L*W*H)
Ingress Protection Rating	IP65 (waterproof and dustproof)
Certifications	ISO14001, ISO9001, CE, FCC, RoHS
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