ZKTeco Fingerprint Access Control Terminal F34



Catalogue SKU	RL-ZK-0036
Supplier model	F34

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	2.4"@ TFT Color LCD Screen (240 x 320)
Camera	Video Intercom Camera @ 2MP, Field of View: Diagonal: 145°, Horizontal: 118°, Vertical: 62° QR Camera (Optional) @ 0.3MP, Field of View: Diagonal: 88°, Horizontal: 80°, Vertical: 60°
Operation System	Linux
Hardware	CPU: Dual Core@1.0GHz RAM: 512MB; ROM: 8GB Speaker: 8ohms±20% @1.0W Microphone: *1 (Sensitivity: -45 dB) Physical Keypad: 17 Keys Fingerprint Sensor: ZK Optical Sensor
Authentication Method	Fingerprint / Card / Password (Physical Keypad) / QR Code (Optional)
Fingerprint Template Capacity	5,000 (1:N)
Card Capacity	5,000 (1:N)

Item	Catalogue specification
User Capacity	5,000 (1:N)
Transaction Capacity	200,000
Max. User Password Length	6 - 8 digits
Biometric Authentication Speed	Less than 0.5 sec (Fingerprint)
False Acceptance Rate (FAR) %	FAR≤ 0.0001% (Fingerprint ; ZKFingerprint V10.0; ZKFingerprint V13.0)
False Rejection Rate (FRR) %	FRR≤ 0.01% (Fingerprint ; ZKFingerprint V10.0; ZKFingerprint V13.0)
Biometric Algorithm	ZKFingerprint V13.0 (Standard) / V10.0 (Optional)
Card Type	ID Card@125 kHz (Standard) IC Card@13.56 MHz (Optional) Optional Multi-Tech Module: Module1: ID & IC & DESFire EV1/EV2; (125 kHz & 13.56 MHz Dual Frequency)
QR Code (optional)	Dynamic QR codes on the ZKBio Zexus mobile application
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, Alarm*1, 12V Output*1
Mobile Communication	TDD-LTE: B34 / B38 / B39 / B40 / B41 FDD-LTE: B1 / B2 / B3 / B4 / B5 / B7 / B8 / B12 / B13 / B14 / B17 / B18 / B19 / B20 / B25 / B26 /B28 /B66 /B71 (Optional and Coming Soon)

Item	Catalogue specification
Standard Functions	Webserver, ADMS, DST, Up to 14-digit User ID, Access Levels, Groups, Holidays, Anti-Passback, Record Query, Schedule Bell, Tamper Switch Alarm, Automatic Status Switch (Effective only under T&A rules), Multiple Verification 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), SRB
Optional Functions	Wi-Fi (AP Mode), PoE, Wireless Doorbell, QR Code
Access Control Interface	RS485 (RS485 Card Reader / Biometric Reader)
Power Supply	DC 12V 3A PoE: IEEE 802.3at (Optional)
Operating Temperature	-5°C to 45°C
Operating Humidity	10% to 90% RH (Non-condensing)
Dimensions	216 mm*82 mm*32.5 mm (L*W*H)
Gross Weight	0.72 Kg
Net Weight	0.51Kg
Supported Software	On-Premise Software: ZKBio CVAccess (AC PUSH) / ZKBio Time (TA PUSH) Cloud-based Software: ZKBio Zlink by default (Supports Web Portal & Mobile App)
Installation	Wall-mount (Compatible with Asian Gang Box / Single Gang Box), compatible with Rots-3 Stand / Rots-02 Bracket
Ingress Protection Rating	IP65 (waterproof and dustproof)
Certifications	ISO14001, ISO9001, CE, FCC, Equivalent to RoHS