



Hikvision DS-K1T343EFWX

· Specification summary

Device class	Face Recognition Terminal
Credential modes	Face, EM card and fingerprint authentication
Face capacity	1,500 faces
Fingerprint capacity	3,000 fingerprints
Card capacity	3,000 cards
Event capacity	150,000 events
Card type	EM card
Card-reading frequency	125 kHz
Card-reading distance, conditional	Manufacturer reference: 0 to 5 cm for a normal card; 0 to 3 cm for cards with different shapes; confirm the actual credential
Face-recognition distance, conditional	Manufacturer range 0.3 to 1.5 m; confirm scene, lighting and user conditions
Face duplicate check	Manufacturer lists a face duplicate check
Face anti-spoofing	Manufacturer lists support; not an independent security certification
Display size	4.3 inch
Display technology	LCD with capacitive touch input
Display resolution	480 × 272, as printed; not the camera resolution
Camera-lens count	Two, as listed in the Video / Lens row
Camera resolution	2 MP; distinct from the 480 × 272 LCD
WDR reference	WDR support listed; numeric WDR range not established
Video standard	PAL by default; NTSC also listed
Lens reference	4 mm focal length, F2.0 aperture
Field-of-view reference	HFOV 75.5°; VFOV 41.5°; DFOV 87°
Supplement light	IR light; no illumination-range rating established
Operating system	Linux
ROM reference	4 GB; onboard ROM, not an included recording disk
RAM notation	DDR3: 512 M, as printed; byte-unit conversion not established
CPU reference	800 MHz
Audio input	Built-in omnidirectional microphone
Audio output	Built-in loudspeaker
Audio-section power output	1 W in the audio section; not a lock or accessory power budget
Audio encoding	G.711U at 64 Kbps

Audio processing	Noise suppression and echo cancellation; volume adjustable at device or client
Ethernet interface	One self-adaptive RJ-45, 10/100 M
Wi-Fi reference	2.4 GHz, IEEE 802.11b/g/n
Protocol references	SDK, SIP, RTSP, ISAPI and ISUP 5.0 listed; exact endpoint/firmware support to confirm
Platform references	Hik-ProConnect and HikCentral Professional listed; version, licence and endpoint support to confirm
Language reference	English is listed; actual regional firmware and other language requirements need confirmation
Live view and two-way audio	Manufacturer lists both functions; use compatible endpoints and the actual firmware
Attendance-only mode	Attendance-only function listed; deployment and software entitlements require confirmation
Audio prompt and time synchronization	Both functions are explicitly listed as supported
Lock-control interface	One lock-control interface; not an established output voltage/current or load rating
Exit-button input	One exit-button interface
Door-contact input	One door-contact input
Tamper interface	One tamper interface
RS-485 interface	One half-duplex Hikvision RS-485 interface; exact controller/protocol compatibility requires confirmation
Wiegand reference	One Hik 26-bit / Hik 34-bit interface; direction and wiring require confirmation
USB interface	One USB interface; supported device and transfer operations require confirmation
Mounting methods	Wall mounting or base mounting; mounting hardware/package to confirm
Optional mounting bracket	Optional DS-KAB6-W1 bracket; not a standard included item
Terminal DC input	12 V DC, 1 A terminal input; not a lock-output rating
Manufacturer adapter reference	The datasheet lists a power adapter included; confirm the actual ISD package before ordering
Operating temperature	-10 to 40 °C
Operating humidity	0 to 90%, non-condensing
Terminal body dimensions	118.4 (W) × 118.4 (H) × 21.8 (D) mm; terminal body, not a complete mounting envelope
Manufacturer net-weight reference	0.23 kg; exact supplied configuration to confirm
Manufacturer gross-weight reference	0.71 kg; not an ISD shipping-weight promise
Application environment	Indoor

Specifications are summarised from the manufacturer's published information (checked 2026-10-18). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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