

HK-302918809

Hikvision Access Control Terminal with Fingerprint reader

Product Overview

Hikvision Access Control Terminal with Fingerprint reader, DS-K1T502DBFWX-C, Linux Operating System, H.264 and H.265 Video Compression Standard, 2MP Resolution camera, 10/100 Mbps Self-Adaptive Wired Network, 1 lock control, 1 Exit Button, 1 Door contact Input, 1 Alarm Input, 1 Alarm Output, 1 tamper, 1x RS-485, 1 Wiegand, 1x SD card slot, 10000 Fingerprint capacity, 100000 card capacity, Capacitive Fingerprint recognition, M1 card, DESfire card



Specifications

Overview Summary:

Secure access control for commercial and professional environments with the Hikvision DS-K1T502DBFWX-C. It combines fingerprint, card and PIN authentication with video intercom, a 2MP camera, Wi-Fi and Hik-Connect support in one robust terminal. With IP65 and IK09 protection, it is suitable for demanding indoor and outdoor access applications.

With capacity for up to 10,000 fingerprints, 100,000 cards and 300,000 events, this terminal is designed for reliable access management across a wide range of installations. Buy now for a practical, connected access control solution in South Africa.

Performance tier:Professional

Uses: Office access control, commercial buildings, residential complexes, schools, warehouses, industrial facilities, staff entry, door access management, video intercom

Overview:

Hikvision DS-K1T502DBFWX-C Access Control Terminal

The Hikvision DS-K1T502DBFWX-C is an advanced access control terminal designed to combine secure door access, fingerprint recognition, card authentication and video intercom functions in a single device. With support for fingerprint, card and PIN authentication, it provides flexible access management for offices, commercial buildings, residential properties and other controlled entry environments.

Built with a durable zinc alloy construction and IP65 and IK09 protection, the terminal is designed for reliable operation in demanding environments. Its integrated 2MP camera, network connectivity and Hik-Connect support also allow users to manage access and communication functions remotely.

Description:

The DS-K1T502DBFWX-C provides a versatile access control solution with a high-capacity fingerprint reader, card support and PIN authentication. It can store up to 10,000 fingerprints and 100,000 cards, making it suitable for installations with a large number of authorised users. The built-in 2MP camera supports video intercom functionality, while H.264 and H.265 compression helps manage video data efficiently.

The terminal supports SIP-based video intercom and can communicate with compatible SIP servers and indoor stations. It also supports Wiegand communication for connection to an external access controller, while RS-485 provides additional connectivity for external card readers and elevator calling applications.

Remote management is supported through the Hik-Connect mobile app, providing convenient access control management when connected to a suitable network. The device also supports AP mode, wired and wireless network priority settings and local or platform-based PIN configuration.

Features:

Secure Access Control

Multiple authentication options allow the DS-K1T502DBFWX-C to be configured for different security requirements. Users can authenticate using fingerprints, M1 cards, DESFire cards or PIN codes, providing flexibility for different access scenarios.

- Capacitive fingerprint recognition
- Up to 10,000 fingerprint capacity
- Up to 100,000 card capacity
- Supports M1 and DESFire cards
- PIN authentication in local and platform modes
- 1 lock control
- 1 exit button input
- 1 door contact input
- 1 alarm input and 1 alarm output
- Tamper detection

Video Intercom and Communication

The integrated 2MP camera supports video intercom applications, allowing the terminal to provide both access control and communication functions. SIP protocol support enables integration with compatible systems and selected SIP servers.

The calling button can be configured to contact a management centre, indoor station, specified indoor station or the Hik-Connect App. Supported SIP server platforms include Brekeke, miniSipServer, FreePBX, Asterisk, 3CX, ELASTIX and

PBX ware.

Network and System Connectivity

A 10/100 Mbps self-adaptive wired network connection provides reliable communication with the access control system. The terminal also supports wireless connectivity and allows the priority between wired and wireless networks to be configured.

Connectivity options include:

- 1x RS-485 interface for external card readers and elevator calling
- 1x Wiegand interface for connection to external access controllers
- 1x SD card slot supporting up to 256 GB
- 10/100 Mbps self-adaptive wired network
- Wireless network support with configurable priority
- AP mode support

Durable Design for Access Control Installations

The zinc alloy construction provides increased stability and durability, while IP65 protection helps protect the terminal against dust and water exposure. IK09 impact protection adds further resistance for installations where the device may be exposed to physical impact.

The Linux operating system provides the platform for the terminal's access control, communication and management functions.

Key Technical Details

- Model: DS-K1T502DBFWX-C
- Product type: Access Control Terminal with Fingerprint Reader
- Operating system: Linux
- Camera: 2MP
- Video compression: H.264 and H.265
- Fingerprint capacity: 10,000
- Card capacity: 100,000
- Fingerprint technology: Capacitive
- Card support: M1 and DESFire
- Network: 10/100 Mbps self-adaptive wired network
- SD card support: Up to 256 GB
- Protection: IP65 and IK09
- Construction: Zinc alloy
- Part Number / SKU: HK-302918809

Flexible Access Management

The combination of biometric authentication, card access, PIN support, video intercom and remote management makes the Hikvision DS-K1T502DBFWX-C a practical choice for modern access control installations. Its range of communication interfaces also allows it to integrate with additional access control hardware, card readers and elevator systems as required.

Specifications:

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Specifications

ComX Computers

Product Specification Sheet

Product Code	HK-302918809
System	
Operating system	Linux
Video	
Lens	1
Video compression standard	H.264 and H.265
Resolution	2 MP
FOV	HFOV = 110degrees , VFOV = 81degrees , DFOV = 122degrees
Video standard	PAL (Default) and NTSC
Network	
Wired network	10 M/100 M self-adaptive
Wi-Fi	Support
Interface	
Network interface	1
Lock control	1
Exit button	1
Door contact input	1
Alarm input	1
Alarm output	1
TAMPER	1
RS-485	1
Wiegand	1 (output)
SD Card Slot	1
Capacity	
Fingerprint capacity	10000
Card capacity	100000
Event capacity	300000
Authentication	
Fingerprint module	Capacitive fingerprint recognition
Card type	M1 card , DESfire card
Card reading distance	0 ~ 3 cm
General	
Power supply	1 A (12 VDC to 24 VDC)
Power consumption	<=12 W
Working temperature	-40 degreesC to +70 degreesC (-40 degreesF to +158 degreesF)
Protective level	IK09, IP65

ComX Computers

Product Specification Sheet

Language	Arabic, English, French, Indonesian, Italian, Portuguese (Brazil), Russian, Spanish (Europe), Thai, Ukrainian, Vietnamese, German, Polish, Hungarian, Czech, Romanian, Bulgarian, Croatian, Serbian, Greek, Slovak, Portuguese, Dutch, and Turkish
Function	
Two-way audio	Support
Video intercom	Support
Hik-Connect	Support

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/HK-302918809-Hikvision-Access-Control-Terminal-with-Buy-p-340513.php>

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