# DS-K1T320 Series Access Control Terminal V3.5.2\_build230802 Release Notes (2023-08-08)

Device Model: DS-K1T320MX, DS-K1T320MFX DS-K1T320MWX	Firmware Version	ACS_320_F2pro_EN_NEU_V3.5.2_build230802 ACS_320_F2pro_EN_STD_V3.5.2_build230802
DS-K1T320MFWX DS-K1T320EX, DS-K1T320EFX, DS-K1T320EWX DS-K1T320EFWX Naming Rule: M for M1 card E for EM card F for Fingerprint W for Wi-Fi	Software	HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcent ral-access-control-v2-0-1/

## **Reason of Upgrade**

Fix bugs, enhance product quality and meet customers' requirements

## **New Features**

- 1. Supports local T&A function.
  - a. Platform attendance will be disabled automatically after local T&A is enabled, vice versa
  - b. Supports set up attendance rule via 3 methods: PC web, mobile web, local menu
  - c. Supports 5 types of attendance report: Summary Report, Abnormal Attendance, Attendance Card, Attendance Record, Shift Schedule
  - d. Supports 3 methods to export attendance report: PC web, mobile web and USB drive

Schedule Set shift schedule for employees,	General Settings					
1465	Set atte	lanagement indance check period every day, including shift and flexible shift.	E Attendance Rule Set early leave and late rule.	0	Holiday Manager Set holiday time, A holiday.	nent tendance can be skipped on
Shift Schedule View						
View person attendance information every day.	Schedule					
	+ Add Schedule					
	Schedule Name	Person for Attendance Check	Schedule		Status	Operation
	Shift Schedule1	tt. Company	Monday, Tuesday, Wednesday, Thursday, Friday : Normal Shift	(09:00-18:00)	In Use	∠ 11
	Shift Schedule2	at Admin Dept	Monday, Tuesday, Wednesday, Thursday, Friday : Normal Shift	(09:00-18:00)	In Use	∠ @
	Shift Schedule3	tt. Sales Dept.	Monday, Tuesday, Wednesday, Thursday, Friday : Normal Shift	(09:00-18:00)	In Use	∠ 10
	Shift Schedule4	1. Financial Dept.	Monday, Tuesday, Wednesday, Thursday, Friday : Normal Shift	(09:00-18:00)	In Use	∠ n

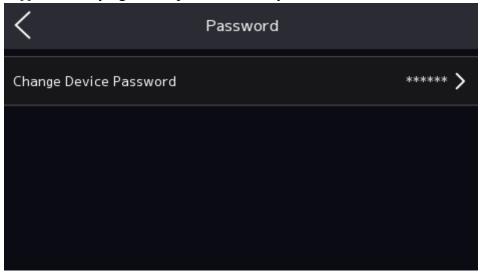


HIKVIS	5ION®								◀ ② o admin ○
Gi Overview	Attendance Statistics	Day Month	2023-8-8 ~	All Departmen	ts ~				
	Attendance Report								
Person Management	Summary Report								Unit: Total Amount
廄	Abnormal Attendance								
Event Search	Attendance Card		0%		Present	Late	Early Leave	Missed Check	Absent
Contemport	Attendance Record	•	Attendance Rate	Total Am	ount: 0 ( 0%) 0	0	0	0	0
63	Shift Schedule	0	0	0					
Time and Atlendance	Total Reports	Expected		Absent					
(j) onfiguration		Employee ID			Name		Depar	tment	
(%) Maintenance and Security									

2. Optimize live face detection algorithm. Optimize face mask detection parameters

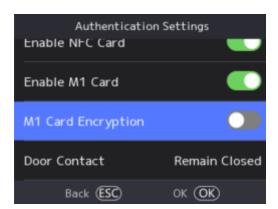
HIKVI	ISION®							
ত্র	System	^	Smart	Area Configuration				
Overview	System Settings			Yaw Angle	45			• ^
Person Management	User Management			1:1 Matching Threshold	O		60	~ ~
Ē	Network	~		1:N Matching Threshold		O	90	$\hat{\diamond}$
Event Search	Video/Audio		Face R	Recognition Timeout Value	3			s 关
Attendance Report	Image		Fingerprin	t Parameters				
E	Access Control			Fingerprint Security Level	5-1/100000 False Acceptance Rate (FAR)			~
Time and Attendance	Card Settings		Face Mask	Detection Paramete	rs			
Ċ	Platform Attendance							
Configuration	Security		I	Face with Mask Detection				
S.	Smart		Fa	ace with Mask&Face (1:1)		0	75	$\hat{}$
Maintenance and Security	Attendance		Face with M	lask 1:N Match Threshold		0	75	$\hat{\diamond}$
	Preference				Save			

3. Supports modifying device password locally



4. Supports enable M1 encryption locally. M1 encryption is disabled by default





# DS-K1T320 Series Access Control Terminal V3.5.1\_build230531 Release Notes (2023-06-05)

Device Model: DS-K1T320MX, DS-K1T320MFX DS-K1T320MWX	Firmware Version	ACS_320_F2pro_EN_NEU_V3.5.1_build230531 ACS_320_F2pro_EN_STD_V3.5.1_build230531
DS-K1T320MFWX DS-K1T320EX, DS-K1T320EFX, DS-K1T320EWX DS-K1T320EFWX Naming Rule: M for M1 card E for EM card F for Fingerprint W for Wi-Fi	Software	HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcent ral-access-control-v2-0-1/

## **Reason of Upgrade**

Fix bugs, enhance product quality and meet customers' requirements

### **New Features**

1. Support sync person information to platform automatically Notice:



- 1. Platform requirement: HCP V2.4.1 or HCAC V2.1
- 2. Only ISAPI or ISUP protocol supported
- 3. Need to set up on platform first. If you enable this function , changes of the person information will be synced from the device to the platform automatically

🞯 HikCentral Access Control	<b>↑</b>	Device 🗘	Person	Access Control	Attendance	Video Intercom	Temperature Screening	Мар	Emergency Mustering
Device		Config	juration [	DS-K1T321					
Device and Server									
Access Control Device		Time							
Elevator Control Device				Time Zone	(UTC+08:00) 珀斯,	吉曜坡, 新加坡,台北	L,北京, 重庆, 香港特别行政	效区, 乌鲁	
Video Intercom Device					木齐,伊尔库茨克,	乌兰巴托			
Network Transmission Device				Device Time	2023/06/05 19:58	8:45			
Recording Server					Sync with Serv	er Time			
🖪 Area					The DST is not cor	ıfigured. You can ente	er the remote configuration	to set it.	
Firmware Upgrade		Regist	ration Dev	ice					
					If you enable this,	e as Registration Devi changes of the perso form automatically.	ice in information will be synced	I from the	]
		Mask S	Settings						

- 2. Optimize live face detection algorithm
- 3. Support modify I frame interval(NTSC 30 or PAL 25)

HIKVI	SION®			
آب Overview	Local	Video		
2	System	^	Camera Name	K94683930
Person anagement	System Settings		Stream Type	Main Stream
Ē	User Management		Video Type	Video Stream
vent Search	Network	~	Resolution	1280*720 ~
Configuration	Video/Audio		Bit Rate Type	Constant Variable
2 2	Image		Video Quality	Low
aintenance nd Security	Access Control		Frame Rate	25 fps
	Card Settings		* Max. Bitrate	2048 Kbps
	Platform Attendance		Video Encoding	H.264
	Security		*I Frame Interval (	25
	Smart			

- 4. Support AP Hotspot mode, activate and configure via mobile web client. You can switch AP Hotspot mode or Wi-Fi mode by long pressing '5' on keypad for about 3s
- PIN Code supports switching between platform applied personal PIN mode and device set personal PIN mode

Notice :

Open web client, go to Configuration-Security-Password mode to switch PIN Code mode. In platform applied mode, cannot edit PIN Code on web client, it needs to be set on platform. In device set mode, can edit PIN Code on web client or local UI and PIN code set by platform is invalid.



Add Person		
	+ Add Card	
Fingerp	rint Up to 10 fingerprints are allowed.	
	+ Add Fingerprint	
Passw	ord	
	Editing the password is not allowed. You can go to Passwor to Device-Set Personal PIN mode and edit.	d Mode to switch

# DS-K1T320 Series Access Control Terminal Release Notes (2022-08-15)

Device Model: DS-K1T320MFWX , DS-K1T320MFX, DS-K1T320MWX , DS-K1T320MX	Firmware Version	ACS_320_F2pro_EN_STD_V3.5.0_build220706 ACS_320_F2pro_EN_NEU_V3.5.0_build220706
DS-K1T320EFWX, DS-K1T320EFX DS-K1T320EWX , DS-K1T320EX		HikCentral AC: https://www.hikvision.com/en/support/download/s
Naming Rule: M for Mifare card, E for EM card F for Fingerprint, W for Wi-Fi	Software	ittps://www.inkvision.com/en/support/download/s   oftware/hikcentral-access-control-v1-3-0/   iVMS:   https://www.hikvision.com/en/support/download/s   oftware/ivms4200-series/

## **Reason of Upgrade**

New model DS-K1T320 series access control terminals first time released.



Model	Card	Fingerprint	Face	Wi-Fi	Event
DS-K1T320MFWX	1.000	1.000		Support	
DS-K1T320MFX	1,000	1,000		N/A	
DS-K1T320MWX	(Mifare 1	N/A		Support	100.000
DS-K1T320MX	card)		500	N/A	
DS-K1T320EFWX		1.000	500	Support	100,000
DS-K1T320EFX	1,000	1,000		N/A	
DS-K1T320EWX	(EM card)		]	Support	
DS-K1T320EX		N/A		N/A	



### **New Features**

- 1. 2.4 inch LCD screen with 2MP lens, white light supplement, physical keypad.
- 2. Easy to manage: Local interface, PC web and mobile web
- 3. Abundant authentication modes, including face, fingerprint, card, PIN code, etc. (varies according to different models), and PIN code must be configured from iVMS or HikCentral software.
- 4. Multiple language: English, Español, العربية, ภาษาไทย, Indonesian, русский, Vietnamese, Português Brasileiro, 한국어, 日本語

5. Wall mount or desktop placement (desktop stand should be ordered separately)

- 6. Capacity
- 7. **ISAPI** protocol makes it easier to integrate with third-party software;
- 8. Support ISUP 5.0(EHome 5.0) protocol to manage devices located in different location;
- 9. Remote lock control via the Hik-Connect mobile app

#### 10. Network

Support TCP/IP and Wi-Fi, adapt to LAN (network) or WAN (ISUP 5.0) network environment

#### 11. Function

a. Brand new UI interface for PC web and mobile web



HIKVISION	
Welcome	
English ~	
A   Liter Name	
A   Persivord	
Forgot password?	
Login	
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Note: For mobile web, device and mobile phone Wi-Fi should be in same network.

- b. Self-defined text prompt for verification success or failed
- c. Self-defined UI standby picture
- d. Buzzer prompt for door opening

### **Customer Impact and Recommended Action**

This update refers to function/compatibility improvement and will take effect automatically after the Date of Change. We are very sorry for any inconvenience of use-habit changes caused by this action. For any questions and request for this firmware, please contact our local technical support team.

#### Note:

- Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.
- Product design and specifications are subject to change without prior notice.
- The Hikvision firmware may contain errors known as errata, which may cause the product to deviate from published specifications. Current characterized errata are available on request.
- Hikvision is not liable for any typing or printing errors.

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