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DS-K1T343 Series MinMoe Terminal

Release Notes (2022-04-09)

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Device Model: DS-K1T343EX, DS-K1T343EWX DS-K1T343EFX, DS-K1T343EFWX	Firmware Version	ACS_343_F1pro_EN_ STD _V3.3.4_build220310 ACS_343_F1pro_EN_ NEU _V3.3.4_build220310
DS-K1T343MX, DS-K1T343MWX DS-K1T343MFX, DS-K1T343MFWX Naming Rule:	SDK	Latest baseline version
M for M1 card, F for fingerprint, W for Wi-Fi	iVMS-4200 Version	Latest baseline version

Reason of Upgrade

Fix bugs, enhance products quality and meet customers' requirements.

Modified Features

1. Optimize fingerprint module performance.

DS-K1T343 Series MinMoe Terminal Release Notes (2022-03-09)

Device Model:		
DS-K1T343EX, DS-K1T343EWX	Firmware	ACS_343_F1pro_EN_ STD _V3.3.4_build220210
DS-K1T343EFX, DS-K1T343EFWX	Version	ACS_343_F1pro_EN_NEU_V3.3.4_build220210
DS-K1T343MX, DS-K1T343MWX		
DS-K1T343MFX, DS-K1T343MFWX		
	CDV	
Naming Rule:	SDK	Latest baseline version
M for M1 card, F for fingerprint, W for		



Wi-Fi	iVMS-4200 Version	Latest baseline version
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Reason of Upgrade

Fix bugs, enhance products quality and meet customers' requirements.

Modified Features

2. Fix the problem that the device cannot wake up occasionally after running for a long time;

DS-K1T343 Series MinMoe Terminal

Release Notes (2022-02-09)

Device Model: DS-K1T343EX, DS-K1T343EWX DS-K1T343EFX, DS-K1T343EFWX	Firmware Version	ARM : ACS_343_F1pro_EN_STD_V3.3.4_build211229 ACS_343_F1pro_EN_NEU_V3.3.4_build211229
DS-K1T343MX, DS-K1T343MWX DS-K1T343MFX, DS-K1T343MFWX Naming Rule:	SDK	Latest baseline version
M for M1 card, F for fingerprint, W for Wi-Fi	iVMS-4200 Version	Latest baseline version

Reason of Upgrade

Fix bugs, enhance products quality and meet customers' requirements.

Modified Features

- 1. Update the driver to be compatible with new fingerprint materials;
- 2. Fix some ISAPI protocol bugs

DS-K1T343 Series MinMoe Terminal Release Notes (2021-10-23)

Device Model: DS-K1T343EX, DS-K1T343EWX DS-K1T343EFX, DS-K1T343EFWX	Firmware Version	ARM : ACS_343_F1pro_EN_STD_V3.3.4_build211022 ACS_343_F1pro_EN_NEU_V3.3.4_build211022
DS-K1T343MX, DS-K1T343MWX DS-K1T343MFX, DS-K1T343MFWX Naming Rule:	SDK	Latest baseline version
M for M1 card, F for fingerprint, W for Wi-Fi	iVMS-4200 Version	Latest baseline version

Reason of Upgrade

Fix bugs, enhance products quality and meet customers' requirements.

Modified Features

3. Update the driver to be compatible with new fingerprint materials;

DS-K1T343 Series MinMoe Terminal

Release Notes (2021-09-17)

Device Model: DS-K1T343EX, DS-K1T343EWX DS-K1T343EFX, DS-K1T343EFWX	Firmware Version	ARM : ACS_343_F1pro_EN_STD_V3.3.4_build210812 ACS_343_F1pro_EN_NEU_V3.3.4_build210812
DS-K1T343MX, DS-K1T343MWX DS-K1T343MFX, DS-K1T343MFWX Naming Rule:	SDK	Latest baseline version
M for M1 card, F for fingerprint, W for Wi-Fi	iVMS-4200 Version	Latest baseline version

Reason of Upgrade

New model DS-K1T343 series MinMoe terminal first time released.

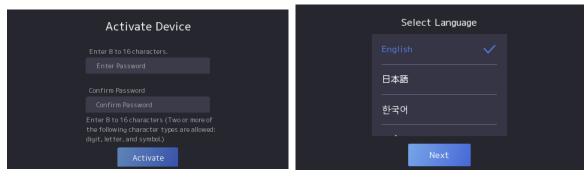


New Features

- 1. 4.3 inch capacitive touch screen with large screen ratio, 2 MP wide-angle dual-lens camera with WDR feature;
- 2. Connect external card reader or access controller via RS485 protocol; support Wiegand26/34 output
- 3. Face recognition duration < 0.2 s/User; face recognition accuracy rate $\geq 99\%$
- 4. Face, card, fingerprint, event capacity

	Face	Card	Fingerprint	Event	Wi-Fi
DS-K1T343EX			Not support		Not support
DS-K1T343EWX			Not support		Support
DS-K1T343EFX		3,000(EM)	1,500		Not support
DS-K1T343EFWX			1,500	150,000	Support
DS-K1T343MX	1,500		Not support		Not support
DS-K1T343MWX		3,000(M1)	Not support		Support
DS-K1T343MFX			1,500		Not support
DS-K1T343MFWX			1,500		Support

- 5. **ISAPI** protocol makes it easier for integration with third-party software;
- 6. Remote video intercom and unlock door from Hik-Connect App on your mobile/Pad
- 7. Support Hik-ProConnect platform to realize Cloud access control and time attendance management
- 8. Support ISUP 5.0 protocol to manage devices located in different locations;
- 9. When open device for the first time, wizard for activation and basic configuration. Including select language, application mode, select and configure network, Hik-Connect, privacy settings, add administrator face and card





Select Application Mode	Select Network Wired Network Wi-Fi Disconnect the wired Netword before connecting a Wi-Fi. Skip
Skip Access to Hik-Connect Access to Hik-Connect Iitedev.hik-connect.com Verification Code Previous Next	Skip Open Hik-Connect and Scan QR Operate Remotely via APP
Privacy Select All Image: Constraint of the select All i	Add an administrator first.

10. Self-defined shortcut key (Call Room, Call Center, Call Specified Room, Call App and Password) on main interface;

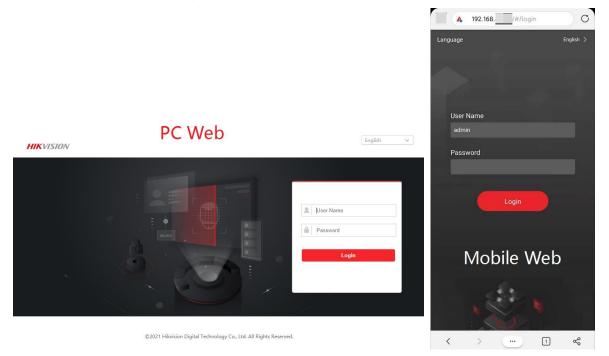
<	Shortcut Key		
Call	Call Room	\checkmark	
Call Type	Call Center	Call Room 💙	
Password	Call Specified Room		
	Call APP		

11. Configure ISUP and Hik-Connect parameter in device local menu



		<	ISUP
< Com	munication	Protocol Version	5.0 >
		Central Group	
RS-485 	>	Main Channel	N1 🗲
Wiegand	>	ISUP	
ISUP	>	Address Type	IP >
Access to Hik-Connect	>	IP	>
< Access	to Hik-Connect	Port	>
Access to Hik-Connect	_	Device ID	>
Server IP		ISUP Key	******* >
	litedev.sgp.hik-connect.com >		
Verification Code	>		

12. Login and configure device in web client via PC/mobile browser;(mobile phone should connect same network with device)



13. Self-defined voice prompt (TTS function, English only) and screen display info (user ID, name and face picture) for authentication;

14. Network

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

15. Function

- a. Support face mask recognition.
- b. Video intercom with indoor station, master station and platform;
- c. Multiple verification modes: Face, card, fingerprint(-F only), PIN code;
- d. Face recognition distance ranges from 0.3 to 1.5 meters;
- e. Support check in/check out/break out/break in/overtime in/overtime out attendance status, and self-define status name;

HIKVISION		Live View			Configuration				
🖵 Local	Time 9	Settings	T&A Status						
🖽 System	/								
Network	/		Attendance Mode	Manual		~			
띠 Video/Audio		Attend	ance Status Required						
🖾 Image			Attendance Status	Enable At	tendance Status		Parameters		
🛱 Schedule	\[Chec	k In/Check Out		Customize Break Out Name	Tea Out	0
T&A Status				🔽 Brea	k Out/Break In		Customize Break In Name	Tea In	0
🔹 General				Over	time In/Overtime	Out			
🎍 Intercom									
Access Control									
ට Smart									
🖾 Theme									

f. Support custom standby background image (max 8 pictures)

HIKVISION				rch Configuration
📮 Local	Theme	Media Database		
🖻 System 🗸 🗸				
O Network ~		Display Mode		Simple
🗂 Video/Audio		Sleep		
🖾 Image		Sleep after	60	S
📋 Schedule 🗸 🗸		Theme Management	+ Add Progr	am
🔅 General			Picture(0/8)	
💄 Intercom				
Access Control				
♀ Smart				
Theme				
				-
		Play Schedule	Picture	Select a theme first and then set the playing time.
			× Delete	Delete All
			0	2 4 6 8 10 12 14 16 18 20 22 24
		Slide Show Interval	0	1 S
				Save
				@2021 Wilnisian Dialtal Tachnalam Ca. 1td. All Diahte Dacamad

g. Support privacy protection, customer can define the privacy related parameter, such as Event Storage Settings, Picture Uploading and Storage, Clear All Pictures in Device



HIKVISION	Live View U	Jser Search	Configuration
🖵 Local	Authentication Settings	Privacy Face Re	ecognition Parameters Card Security
🖽 System 🗸 🗸			
Network ✓	Event Storage Settings		
🗗 Video/Audio		Event Storage Type	Overwriting 🗸
🖾 Image			
📋 Schedule 🛛 🗸			Save
🔅 General	Authentication Setting	5	
🎍 Intercom			🗌 Face Picture 🔽 Name 🗌 Employee ID
Access Control		Name De-identification	
ට Smart			
🖸 Theme			Save
	Picture Uploading and	Storage	
	Upload Captured Pict	ture When Authenticating	
	Save Captured Pict	ture When Authenticating	
		Save Registered Picture	
	Upload Pic	ture After Linked Capture	
	Save Pict	tures After Linked Capture	
			Save
	Clear All Pictures in De	vice	
			@202

- h. Supports face recognition in low illumination
- i. Supports live view on the platform, H.264

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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