## **DS-K1T671 Series MinMoe Terminal**

### **Release Notes (2023-06-12)**

<b>Device Model:</b> DS-K1T671M/MF DS-K1T671TMW/TMFW	Firmware Version	ARM: ACS_671_AI3_EN_STD_V3.2.30_build230330 ACS_671_AI3_EN_NEU_V3.2.30_build230330		
Naming Rule: M for M1 card, W for WIFI, F for fingerprint	Software Version	HikCentral AC: https://www.hikvision.com/en/support/download/software/hikcent ral-access-control-v2-0-1/		

#### **Reason of Upgrade**

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

#### **Modified Features**

1. Fixed known security vulnerabilities

For details, please refer:

https://www.hikvision.com/en/support/cybersecurity/security-advisory/security-vulnerabilityin-some-hikvision-access-control-intercom/

## **DS-K1T671 Series MinMoe Terminal**

## **Release Notes (2022-09-30)**

<b>Device Model:</b> DS-K1T671M/MF	Firmware Version	ARM: ACS_671_AI3_EN_STD_V3.2.30_build220913 ACS_671_AI3_EN_NEU_V3.2.30_build220913
DS-K1T671TMW/TMFW		HikCentral AC:
		https://www.hikvision.com/en/support/download/software/hikcent
Naming Rule:	Software	ral-access-control-v1-3-0/
M for M1 card, W for WIFI,	Version	iVMS:
F for fingerprint		https://www.hikvision.com/en/support/download/software/ivms42
		<u>00-series/</u>

#### **Reason of Upgrade**

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

#### **Modified Features**

2. Optimize the face anti-spoofing algorithm

# **DS-K1T671 Series MinMoe Terminal**

### **Release Notes (2022-07-01)**

<b>Device Model:</b> DS-K1T671M/MF	Firmware Version	ARM: ACS_671_AI3_EN_STD_V3.2.30_build220610 ACS_671_AI3_EN_NEU_V3.2.30_build220610
DS-K1T671TMW/TMFW	SDK	Latest version
Naming Rule: M for M1 card, W for WIFI, F for fingerprint	iVMS-4200 Version	Latest baseline

#### **Reason of Upgrade**

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

#### **Modified Features**

- 3. Fix the problem that the occasional face recognition frame is stuck
- 4. Fixed some ISAPI protocol integration issues

## **DS-K1T671 Series MinMoe Terminal**

### **Release Notes (2022-03-09)**

Device Model: DS-K1T671M/MF	Firmware Version	ARM: ACS_671_AI3_EN_STD_V3.2.30_build220210 ACS_671_AI3_EN_NEU_V3.2.30_build220210	
DS-K1T671TMW/TMFW	SDK	Latest version	
Naming Rule: M for M1 card, W for WIFI, F for fingerprint	iVMS-4200 Version	Latest baseline	

#### **Reason of Upgrade**

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

#### **Modified Features**

5. Fix the problem that the occasional screen backlight cannot be turned off;

## DS-K1T671 Series MinMoe Terminal Release Notes (2022-02-14)

Device Model:	Firmware	ARM: ACS_671_AI3_EN_STD_V3.2.30_build211129		
DS-K1T671M/MF	Version	ACS_671_AI3_EN_NEU_V3.2.30_build211129		
DS-K1T671TMW/TMFW	SDK	Latest version		
Naming Rule: M for M1 card, W for WIFI, F for fingerprint	iVMS-4200 Version	Latest baseline		

#### **Reason of Upgrade**

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

#### **Modified Features**

1. Fix the issue that the device events exceeds the capability set and the automatic deletion cannot be fully covered;

## DS-K1T671 Series MinMoe Terminal Release Notes (2021-11-15)

Device Model: DS-K1T671M/MF	Firmware Version	ARM: ACS_671_AI3_EN_STD_V3.2.30_build211110 ACS_671_AI3_EN_NEU_V3.2.30_build211110
DS-K1T671TMW/TMFW	SDK	Latest version
Naming Rule: M for M1 card, W for WIFI, F for fingerprint	iVMS-4200 Version	Latest baseline

#### **Reason of Upgrade**

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

#### **Modified Features**

- 1. Fix the device offline issue caused by searching device event from iVMS4200 client through ISUP5.0 protocol;
- 2. Fixed some issues about ISAPI protocol.
- 3. Optimize the connection with HikCentral Professional platform;
- 4. For model support fingerprint (-F), it will return quality score results when collecting fingerprints remotely from platform;

## DS-K1T671 Series MinMoe Terminal Release Notes (2021-09-09)

Device Model: DS-K1T671M/MF	Firmware Version	ARM: ACS_671_AI3_EN_STD_V3.2.30_build210731 ACS_671_AI3_EN_NEU_V3.2.30_build210731
DS-K1T671TMW/TMFW	SDK	Latest version
Naming Rule: M for M1 card, W for WIFI, F for fingerprint	iVMS-4200 Version	Latest baseline

#### **Reason of Upgrade**

Add new function, fix bugs, enhance products quality and meet customers' requirements.

#### **New Features**

1. Add Hik-Connect menu in device UI Menu→Comm. The function is disabled in default.

Communicatio	on		
Wired Network	>	< Acce	ess to Hik-Connect
Wi-Fi	>	Access to Hik-Conn	ect 📀
RS-485	>	Server IP	litedev.hik-connect.com >
Wiegand	>	Verification Code	>
Access to Hik-Connect	>		

#### **Modified Features**

1. Optimize the wake-up distance of the device screen through the face, and the wake-up distance is consistent with the recognition distance



HIKVISION	Live View User Search Configuration
🖵 Local	Smart Area Configuration
🗖 System 🗸 🗸	
O Network     V	Face Parameters
🗂 Video/Audio	Face Anti-spoofing 🗾
🖾 Image	Live Face Detection Security Level   Normal  High Profile  Highest
📋 Schedule 🛛 🗸	Recognition Distance   Automatic   0.5m   1m   1.5m   2m
👤 Intercom	Application Mode 💿 Indoor 🛛 Other
Access Control	Face Recognition Mode Vormal Mode V
ဂ္ဂ Smart	Continuous Face Recognition Interval O 1 s
- Theme	Pitch Angle 45 °
	Yaw Angle 45 °

## **DS-K1T671 Series MinMoe Terminal**

### **Release Notes (2021-06-24)**

Device Model: DS-K1T671M/MF	Firmware Version	ARM: ACS_671_AI3_EN_STD_V3.2.30_build210609 ACS_671_AI3_EN_NEU_V3.2.30_build210609
DS-K1T671TMW/TMFW	SDK	Latest version
Naming Rule: M for M1 card, W for WIFI, F for fingerprint	iVMS-4200 Version	Latest baseline

#### **Reason of Upgrade**

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

#### **Modified Features**

- 1. Optimize the function of exporting data to U disk.
- 2. Optimize the working mechanism of infrared fill light
- 3. uboot security update

### **DS-K1T671 Series MinMoe Terminal**



## **Release Notes (2021-02-08)**

Device Model: DS-K1T671M/MF DS-K1T671TMW/TMFW	Firmware Version	ARM: ACS_671_AI3_EN_STD_V3.2.0_build210203 ACS_671_AI3_EN_NEU_V3.2.0_build210203 MCU: ACS_DS-K1T671_ST1_GML_GM_V1.0.1_build210104		
Naming Rule:	SDK	Latest version		
M for M1 card, W for WIFI, F for fingerprint	iVMS-4200 Version	Latest baseline		

#### **Reason of Upgrade**

Add new features, fix bugs, enhance products quality and meet customers' requirements.

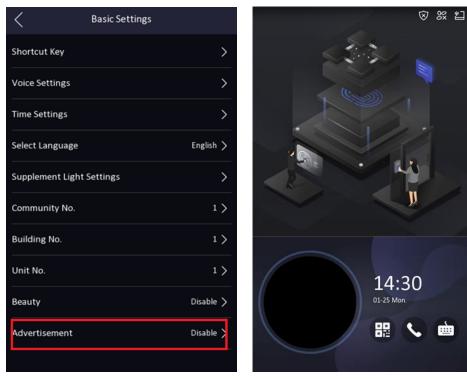
#### New Feature

1. Support https feature

		Live View User	Search	Configuration	
Ģ	Local	Security Service Certific	ate Management		
	System ^				
	System Settings	Certificate Files			
	Maintenance	Certificate Type	HTTPS	~	
	Security	Create Certificate	Create No file	Ð.	
	User Management	Import Passwords			
¢	Network 🗸 🗸	Certificate Type	SYSLOG		
Ē	Video/Audio		STOLUG	*	
	Image	Upload Certificate			Install
	Schedule 🗸 🗸	Import Communication Ce	rtificate		
P	Intercom	Certificate Type	SYSLOG	~	
	Access Control	Upload Certificate			Install
P	Smart				
	Notice Publication	Import CA Certificate			
		Custom ID			
		Upload Certificate			Install

- 2. Support English, Spanish (South American), Arabic, Thai, Indonesian, Russian, Vietnamese, Brazilian Portuguese
- 3. Add Hik-ProConnect platform docking

4. Add advertisement mode, after enable, the wallpaper will be fixed to be displayed on the top of main interface.



#### 5. Add device operation log query function

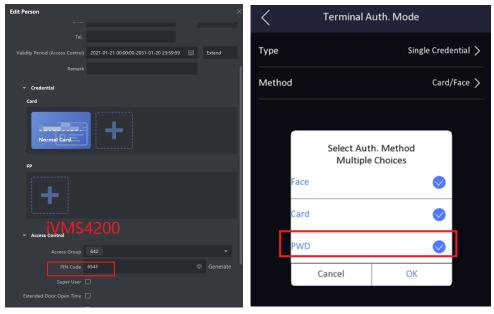
	Live View		Search Con	figuration				
🖵 Local	Upgrade & Maint	tenance Log Quer	у					
🗂 System 🛛 🔨								
System Settings	Major Type	All Types	~	Minor Type	All Types	*		
Maintenance	Start Time	2021-01-25 00:00:00	() []]]	End Time	2021-01-25 23:59:59	Search		
Security	No. Time	2	Major Type		Minor Type	Channel No.	Local/Remote User	Remote Host IP
	01 2021	-01-25 14:05:53+08:00	Operation		Remote: Restore to Default Set	-	WEB	10.9.96.43
User Management	02 2021	-01-25 14:09:37+08:00	Operation		Local: Delete Face Picture Data	-	UI	local
Network ~	03 2021	-01-25 14:09:51+08:00	Information		Add Person Information		UI	local
비 Video/Audio	04 2021	-01-25 14:09:51+08:00	Information		Add Card		UI	local
🖾 Image	05 2021	-01-25 14:09:51+08:00	Operation		Local: Face Picture Data Entry	-	UI	local
📋 Schedule 🛛 🗸	06 2021	-01-25 14:09:51+08:00	Information		Add Fingerprint (By Employee I	-	UI	local
□ Intercom	07 2021	-01-25 14:09:58+08:00	Operation		Enter Home Page	-	UI	local
	08 2021	-01-25 14:10:07+08:00	Operation		Enter Home Page	-	UI	local
Access Control	09 2021	-01-25 14:12:20+08:00	Operation		Enter Home Page		UI	local
🖵 Smart	10 2021	-01-25 14:29:51+08:00	Operation		Enter Home Page		UI	local
Notice Publication								

#### 6. Add ISAPI event monitoring upload (HTTP listening) function

	Live View	User	Search	Configuration			
🖵 Local	Platform Access	HTTP Listenir	ng				
🖽 System 🛛 🗸	Default						
Network ^		-					_
Basic Settings	No.	Destination IP or He	ost Name	URL	Port	Protocol	
-	1	0.0.0.0		I	80	HTTP	~
Advanced	2	0.0.0		1	80	HTTP	~
🗖 Video/Audio							
🖾 Image	Sav	re					

7. Support PIN code to open the door (disabled in default)

Note: PIN code should be configured from software, iVMS4200 already support, HikCentral Pro will support PIN code configuration in V2.1 expected to be released in June



8. Support unbind device with hik-connect account on SADP tool, local UI and web interface

SADP							_		
Total numb	er of online devices: 6	7					Ur	nbind	Export Refresh
🗾   ID	▲   Device Type	Status	IPv4 Address	Port	Enhanced SDK Service Port	Software Version   I	Pv4 Gateway	HTTP Port	Device Serial No.
064	DS-K1T671MF	Active	10.9.96.50	8000	N/A	V3.2.0build 2101 1	10.9.96.254	80	DS-K1T671MF20210107V0302



	Live View Us	er Searc	h Configuration		System Mair	ntenance 🧿
🖵 Local	Upgrade & Maintenance	Log Query				
🗖 System 🛛 🔿					System Information	>
System Settings	Reboot				Capacity	>
Maintenance		Reboot	Reboot the device.			
Security	Restore Parameters				Device Upgrade	>
User Management		Default	Reset all the parameters, except the IF	parameter	Unlink APP Account	
Detwork     V		Restore All	Restore all parameters to default setti	ngs.		
t⊡ Video/Audio		Unlink APP Ac	count Unlink from Hik-connect accou	nt.	Restore to Factory Settings	
🖾 Image	Export			_	Destans to Default Cattings	
📋 Schedule 🛛 🗸	Device Parameters 🗸	Export			Restore to Default Settings	
🖵 Intercom					Reboot	
Access Control	Import Config File					
🖵 Smart	Device Parameters v	•	Ē	Impo		
<ul> <li>Notice Publication</li> </ul>	Upgrade					
	Controller 🗸	•		Upgra		
		Note: The upgrad	ding process will be 1 to 10 minutes, plea	ase don't di		

9. Add beauty function to adjust smooth and whiten parameter.

Basic Se	ettings
cut Key	>
Settings	>
Settings	>
t Language	English >
lement Light Settings	>
nunity No.	1 >
ing No.	1 >
No.	1 >
ty	Disable >
rtisement	Disable >

10. Add help interface to check system module version for technical support (long press for 3s).

	n Maintenance	?	<	Help
		â	dsp_svnVersion	311837
System Information		>	dsp_buildData	2021-01-07
Capacity		>	dsp_buildTime	15:32:13
Device Upgrade		>	dsp_platForm	AI3
			dsp_comVersion	V2.5.0
Unlink APP Account			engine_mVersion	2
Restore to Factory Settings			engine_subVersion	

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

	Live View User Search	Configuration
🖵 Local	Authentication Settings Door Parameters	Card Security Linked Network Settings RS-485 Wiegand Settings Face Recognition Parameters Privacy Car
🖽 System 🗸 🗸		
Metwork      ✓	Event Storage Settings	
🗂 Video/Audio	Event Storage Typ	Overwriting     Oelete Old Events Periodically
🖾 Image		Delete Old Events by Specified Time Overwriting
📋 Schedule 🛛 🗸		Save
🖵 Intercom	Picture Uploading and Storage	
Access Control	Upload Captured Picture When Authenticatin	ng 💽
🖵 Smart	Save Captured Picture When Authenticatin	ng 💽
Notice Publication	Save Registered Pictur	re 💽
	Upload Picture After Linked Captur	re 💽
	Save Pictures After Linked Captur	re 💽
		Save
	Clear All Pictures in Device	
	Clear Registered Face Picture	
	Clear Captured Picture	25
		Clear

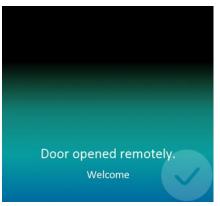
12. Configure the time period when the white light fill light is turned on and off in device local menu or web interface

	Live View User	Search	Configuration	Save succee	eded.	×	
🖵 Local	Display Settings						
🖽 System 🗸 🗸							
Detwork      V	Video Standard	PAL(50HZ)	~				
🗂 Video/Audio	WDR	Disable	~				
🖾 Image	Basic Parameter						
📋 Schedule 🛛 🗸	1200	10 M I					
Intercom		- C		Image Adjustment	Supplement Light Type	Supplement Light	~
Access Control	- 100	- N. 1		Supplement Light Parameters	Supplement Light Mode	Schedule	~
📮 Smart	- 100	<b>19</b> 64	C 1997		LED Light Brightness	0	0
Notice Publication	- 600				Start Time	00:00:00	
	-				End Time	23:59:59	
			<b>19</b> - <b>1</b>				
			- Carlos - C				



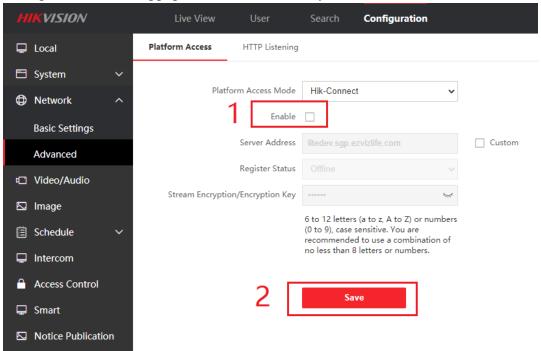
< Wh	ite Light Settings	
Supplement Light M	Node Schedule	>
Supplement Light B	rightness 0	>
Start Time	00:00	>
End Time	23:59	>

13. Add audio prompt 'The door is open' when open door on iVMS4200, HikCentral Pro, Hik-Connect App, and device UI will show prompt



#### **Modified Features**

4. Hik-Connect function is turned off in default for privacy protection, if customer want to manage device from App, please turn on manually in the web.



- 5. The face matching algorithm is upgraded. Improve the speed and accuracy of face recognition. Improved the recognition effect of dark masks
- 6. DNS can be configured from device UI in menu $\rightarrow$ Comm.-->Wired Network

DHCP C IP Address Subnet Mask Gateway Auto Obtain DNS Preferred DNS Server 8.8.8.8 > Alternate DNS Server 8.8.4.4 >	<	Wired Network	
Subnet Mask Gateway Auto Obtain DNS Preferred DNS Server 8.8.8.8 >	DHCP		
Gateway Auto Obtain DNS Preferred DNS Server 8.8.8.8 >	IP Address		
Auto Obtain DNS	Subnet Mask		
Preferred DNS Server 8.8.8.8 >	Gateway		
	Auto Obtain DNS		
Alternate DNS Server 8.8.4.4 >	Preferred DNS Se	rver	8.8.8.8 >
	Alternate DNS Se	rver	8.8.4.4 >

- 7. Optimized the ISUP and Hik-Connect event upload mechanism.
- 8. Add stranger authentication timeout time configuration

	Live View	User Search	Configuration	
🖵 Local	Authentication Settings	Door Parameters	Card Security	Linked Network Setting
🖽 System 🗸 🗸				
Metwork      ✓	Authentication Settin	ngs		
디 Video/Audio		Device Type	Main Card Reader	~
🖾 Image		Card Reader Type	Fingerprint/Face	
📋 Schedule 🛛 🗸		Card Reader Description	DS-K1T671MF	
📮 Intercom		Enable Card Reader		
Access Control		Authentication	Card or Face or Fin	gerprint 🗸
🖵 Smart	D	isplay Authentication Result	🔽 Face Picture 🔽 N	ame 🔽 Employee ID
Notice Publication		Recognition Interval	3	s
		Authentication Interval	0	5
	Al	arm of Max. Failed Attempts		
	Max. Aut	thentication Failed Attempts	5	
	Commun	ication with Controller Every		
		Enable Card No. Reversing		
		Save		

9. Add advertisement/wallpaper play schedule configuration, slide show interval.



	Live View User Search	Configuration
📮 Local	Notice Publication	
🖽 System 🗸 🗸		
Detwork      V	Sleep 🔽	
🖽 Video/Audio	Sleep after 60	s
🗔 Image	Theme Management + Add Theme	
📋 Schedule 🛛 🗸	(0/8)	Theme Type : Picture 🕜 💼
📮 Intercom		
Access Control		
📮 Smart		
Notice Publication		
	Upload	
	Play Schedule 🔳 🚯 Selec	t a theme first and then set the playing time.
	× Delete	â Delete All
	0	2 4 5 8 10 12 14 15 18 20 22 24
	Slide Show Interval	1 S
	Save	

10. Optimize the firmware upgrade mechanism to ensure possible problems caused by power outage during the upgrade process.

#### **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.

Hikvision Digital Technology CO., Ltd. No. 555 Qianmo Road, Binjiang District, Hangzhou 310051, China Tel: +86-571-8807-5998 FAX: +86-571-8993-5635 Email: overseabusiness@hikvision.com