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.

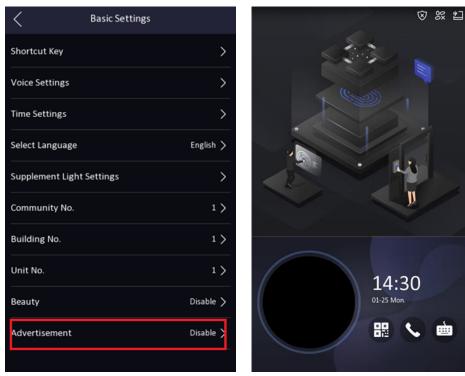
New Feature

1. Support https feature

	Live View User	Search Configuratio	n
🖵 Local	Security Service Certific	ate Management	
🗂 System	^		
System Settings	Certificate Files		
Maintenance	Certificate Type	HTTPS 🗸	
Security	Create Certificate	Create No file.	
User Management	Import Passwords		
Network	Certificate Type	SYSLOG 🗸	
디 Video/Audio	Upload Certificate		Install
🖾 Image	epida continue		
E Schedule	Import Communication Ce	rtificate	
🖵 Intercom	Certificate Type	SYSLOG 🗸	
Access Control	Upload Certificate		🛅 Install
🖵 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	ı User S	earch Cor	figuration				
🖵 Local	Upgrade & Mainte	tenance Log Query						
🖽 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	•	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
Metwork ✓	03 2021-	-01-25 14:09:51+08:00	Information		Add Person Information	-	UI	local
🗂 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								

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



	Live View	u User Search	Configuration			Í
🖵 Local	Platform Access	HTTP Listening				
🖿 System 🗸 🗸	Default	7				
Network	No.	Destination IP or Host Name	URL	Port	Protocol	
Basic Settings	1	0.0.0.0	1	80	HTTP	~
Advanced	2	0.0.0.0	1	80	HTTP	~
🖬 Video/Audio						

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

Edit Person	×	<	Terminal A	uth. Mode	
Tel. Validity Period (Access Control) 2021-01-21 00:00:00-2031-01-20 23:59:59 🛗	Extend	Туре		Single Cred	ential S
Validity renda (Access Control) 2021-01-21 000000-2031-01-20 2339:39 100	Extend				
- Credential		Method		Card	/Face >
Card Normal Card				h. Method choices	
+		Face		0	_
Access Control				V	1
	•	PWD		\bigcirc	
PIN Code 6543 Super User 🗌	◎ Generate		Cancel	ОК	

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

Tota	l num	ber of online devices: 67	7					Ur	nbind	Export Refresh
√	ID	▲ Device Type	Status	IPv4 Address	Port	Enhanced SDK Service Port	Software Version	IPv4 Gateway	HTTP Port	Device Serial No.
	064	DS-K1T671MF	Active	10.9.96.50	8000	N/A	V3.2.0build 2101	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		
 Notice Publication 	Upgrade					
	Controller 🗸	•	Ē	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).

<	System Maintenance	?	<	Help
		â	dsp_svnVersion	311837
System Inform	nation	>	dsp_buildData	2021-01-07
Capacity		>	dsp_buildTime	15:32:13
Device Upgrad	e	>	dsp_platForm	AI3
			dsp_comVersion	V2.5.0
Unlink APP Acc	count		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 Oeter 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

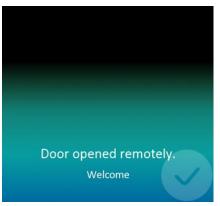
12. Configure the time period when the white light fill light is turned on and off in device local menu or web interface

	Live View User	Search	Configuration	Save succee	eded.	×
🖵 Local	Display Settings					
🖽 System 🗸 🗸						
Detwork V	Video Standard	PAL(50HZ)	v			
印 Video/Audio	WDR	Disable	v			
🖾 Image	Basic Parameter					
📋 Schedule 🛛 🗸	- Testing	10 Dec				
📮 Intercom		10 A 10		Image Adjustment	Supplement Light Type	Supplement Light
Access Control	1000			Supplement Light Parameters	Supplement Light Mode	Schedule
📮 Smart	- 100	19 March 19	199		LED Light Brightness	0
Notice Publication		1 1 1 1 1			Start Time	00:00:00
					End Time	23:59:59
			BAR -			



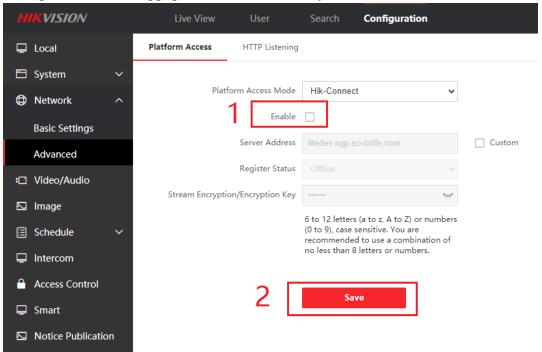
< Wh	ite Light Settings	
Supplement Light M	Node Schedule	>
Supplement Light B	rightness 0	>
Start Time	00:00	>
End Time	23:59	>

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

1. 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.



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

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

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

	Live View U	ser Search	Configuration	
🖵 Local	Authentication Settings	Door Parameters	Card Security	Linked Network Setting
🖽 System 🛛 🗸				
Metwork ✓	Authentication Settings	5		
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	Disp	lay Authentication Result	✔ Face Picture ✔ N	lame 🔽 Employee ID
Notice Publication		Recognition Interval	3	s
	[Authentication Interval	0	s
	Alarn	n of Max. Failed Attempts		
	Max. Authe	ntication Failed Attempts	5	
	Communica	tion with Controller Every		
	E	nable Card No. Reversing		
		Save		

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



			Live View Use	r Search Configuration
Ģ	Local		Notice Publication	
	System			
⊕	Network		Sleep	
	Video/Audio		Sleep after	60 s
Ŋ	Image		Theme Management	+ Add Theme
ä	Schedule			(0/8) Theme Type : Picture 🖄 🛅
₽	Intercom			
	Access Control			
-	Smart			
2	Notice Publication	on		
				Upload
			Play Schedule	Select a theme first and then set the playing time.
				X Delete 🛍 Delete All
				0 2 4 6 8 10 12 14 16 18 20 22 24
			Slide Show Interval	O 1 S
				Sum and a second se
				Save

7. 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.

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