Temperature Screening MinMoe Terminal Release Notes (2020-07-03)

Device Model: DS-K1TA70MI-T DS-K1T671TM-3XF DS-K5604A-3XF DS-K5671-3XF	Firmware Version	ARM: ACS_671_3XF_AI3_EN_GM_V2.2.6_build200629 MCU: ACS_DS-K1T671_ST1_GML_GM_V1.0.1_build200327 Thermal Module: digicap_thermo-en-gm_V5.5.4_build200602	
	SDK	HCNetSDKV6.1.4.151_build20200601_win32_ZH HCISUPSDKV2.3.5.152_build20200518_Win32_ZH	
	iVMS-4200 Version	iVMS-4200 AC(V1.2.50.8_E).exe	

Reason of Upgrade

New temperature screening MinMoe face recognition terminals DS-K1T671TM-3XF, DS-K1TA70MI-T, DS-K5604A-3XF and DS-K5671-3XF first time released.



New Features

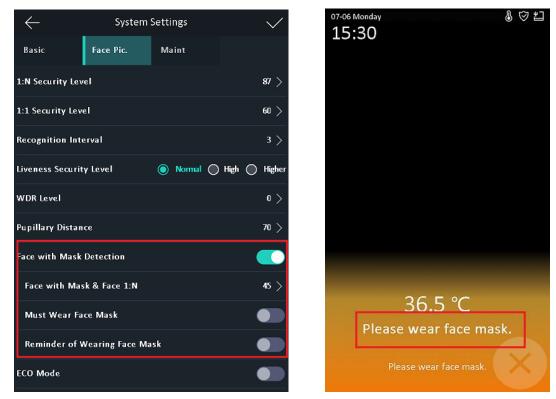
1. 7 inch LCD (10.1 inch for DS-K5604A) touch screen with large screen ratio, 2 MP wide-angle duallens camera with WDR feature;

2. Temperature screening and face mask detection related function

a. Vanadium Oxide uncooled sensor to measure forehead temperature: range: 30 °C to 45 °C (86 °F to 113 °F), accuracy: 0.1 ° C deviation: ± 0.5 °C (±0.3°C with black body) b. Fast temperature measurement mode (temperature measurement only mode, enabled by default): measuring forehead temperature without authentication., if temperature is abnormal, door will not open

\leftarrow	Temperature Settings				\checkmark	
Enable Temperature Detection						
Over-Temperature Alarm Threshold (Max.)					3 >	
Over-Temperature Alarm Threshold (Min.)					0 >	
Temperature Compensation				0.0	0.00 >	
Door Not Open When Temperature is Abnormal						
Femperature Me	easurement Only					
Unit	C		۳C	\bigcirc	۴	
Measurement A	rea Calibration				>	
Measurement A	rea Settings				>	
Black Body Setti	ngs				>	

- c. Face mask wearing alert (reminder of wearing face must, disabled by default): if the recognizing face does not wear a mask, the device will prompt a voice reminder, and the authentication or attendance is valid.
- d. Forced mask wearing alert (must wear face mask, disabled by default): the device will prompt a voice reminder, the authentication will be failed and door will not open without face mask detected.



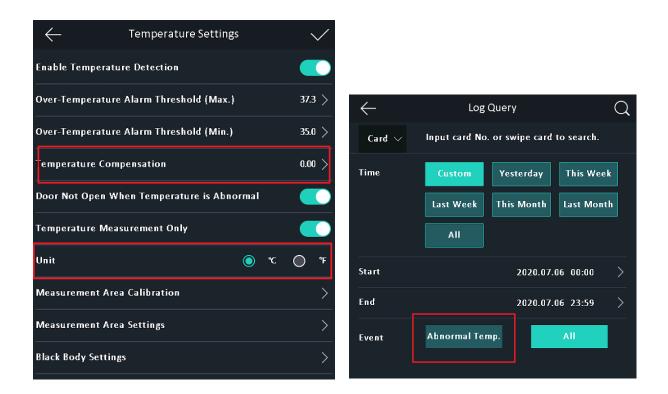
HIKVISION

Note: All of temperature screening parameters are configurable from device local GUI or remote on iVMS-4200 or HikCentral Professional platform software

	HikCentral Professional Web Cl	lient					
	Encoding Device	(.	⊖ Configuration on DS-K1T671TM-3XF				
\Diamond	Access Control Device		_				
	Elevator Control Device		Time				
	Video Intercom Device			Time Zone	(UTC+08:00) Ulaanbaatar	r, Taipei, Perth, Kuala	Lumpur, Singapo
	Security Control Device		*[Device Time	2020-07-06 15:42:05	r1=1 	 Sync with Ser
					The DST is not configured	d. You can onter the	romoto configur
	Display Screen				The DST is not conligured	u. You can enter the	remote conligui
	Recording Server		Skin-surface Temperatur	e			
Eä	Streaming Server		Temperatur	e Detection			
	DeepinMind Server		Access Co	ntrol Mode	 Access Control Mode 	•	
G					 Thermography Mode 		
	Smart Wall		Upload Picture of \	(isible Light			
t.				_			
			Temperatur	e Threshold	35.00 3	7.30	
			Open Door When Temperatu	re is Abn	0		
Sett	ings						
		Access Con	ntrol Parameters				
_	System						
<u>_</u>	Network		Audio Prompt	✓			
 ⊙	Alarm		Upload Pictures after Capturing	~			
	Access Control Parameters		Save Captured Pictures	~			
·	Face Recognition Terminal Settings		Temperature Measurement Only	~			
	Face Picture Parameters		Capture White Light Picture				
	Supplement Light Parameters No. Settings	Door No	t Open When Temperature is Abnormal	~			
14	Image		Must Wear Face Mask				
ş	Operation			After enabling the door will r	g this function, if the authentica not open.		ear a face mask,
^⊷	Status		Reminder of Wearing Face Mask				
		Ove	er-Temperature Alarm Threshold (Max.)	37.3		°C	
					d should be between 35.1 °C a n the Min. one.	nd 44.9 °C. The Max. ti	nreshold should
				-			
			Save				

e. Support switch between Celsius and Fahrenheit units and temperature compensation function (picture on the left below)





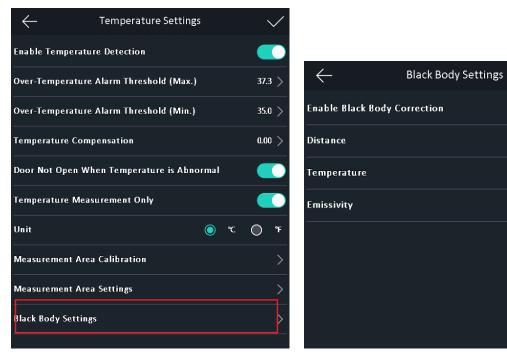
f. Search logs by abnormal temperature (picture on the right above)
 Note: if device in temperature measurement only mode, the event will not be saved in device)

1.0 >

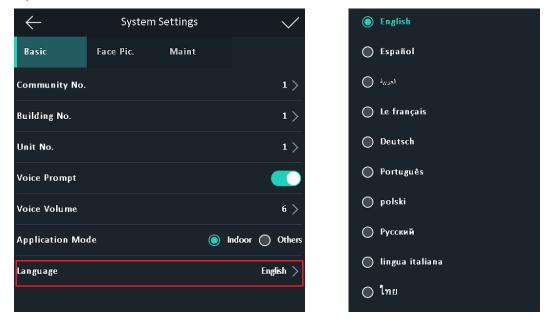
0.97 >

40.0

- g. Support black body correction to get more accurate temperature measurement results Note:
 - 1) Black body should be purchased separately.
 - 2) DS-K1TA70MI-T doesn't support black body.



3. Support multiple languages: English, Spanish, French, German, Italian, Portuguese, Polish, Russian, Thai, Arabic

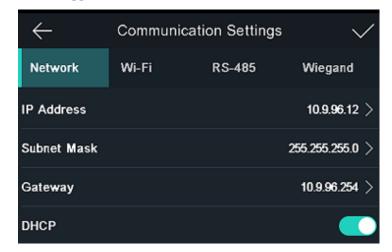


4. Face, card, fingerprint and event capacity

	DS-K1TA70MI-T	DS-K1T671TM-3XF, DS-K5604A-3XF/V			
		DS-K5671-3XF			
Face	6,000	50,000			
Card (M1)	6,000	50,000 (DS-K1T671TM-3XF only)			
Event	100,000	100,000			
CPU	Medium	High			
Black body	Not support	support			
(purchase separately)					
QR code	Not support	support			
Range and accuracy	30-45°C, accuracy: 0.1°C,	30-45°C, accuracy: 0.1°C,			
	deviation: ±0.5°C	deviation: $\pm 0.5^{\circ}$ C ($\pm 0.3^{\circ}$ C with black body)			
Distance	0.3 ~ 1.8 m	0.3 ~ 2.0 m			
Installation	1. wall surface mounting	DS-K1T671TM-3XF:			
	2. desk base mounting (with DS-	1. wall surface mounting; 2. desk base			
	DM0701BL base bracket,	mounting (with DS-DM0701BL base			
	purchase separately)	bracket, purchase separately) ;3. floor stand			
	3. floor stand installation (with	installation (with DS-KAB671-B floor stand,			
	DS-KAB671-B floor stand,	purchase separately)			
	purchase separately)				
		DS-K5604A-3XF/V:			
		Plug & play, no need installation			
		DS-K5671-3XF:			
		Integrate and install with Hikvision or 3rd			
		party barriers			

5. Network

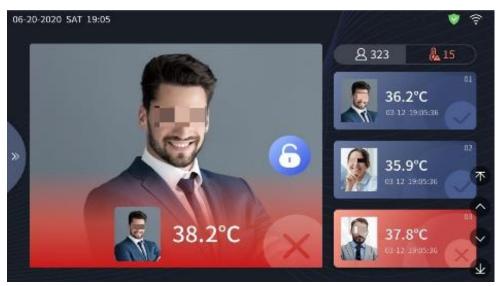
Support TCP/IP, adapt to LAN(network) network environment Note: only DS-K5671-3XF support WIFI



Note: face terminal and thermal module communicate internally with IP address 192.168.1.2 and 192.168.1.64, don't use these two IP address for device and PC in case of IP conflict. Don't set IP address 192.168.1.64 for terminal, or thermal module will become offline. and don't set IP address 192.168.1.2 for PC/server, or device cannot communicate with PC/server.

6. Video intercom;

- a. Video intercom with platform or client software;
- b. Video intercom with master station
- c. Video intercom with normal indoor station to realize video&audio intercom, or with DS-KC001(call room number 1) monitoring tablet to realize video&audio intercom, upload captured picture and temperature measurement result, shown as below picture.



7. Function

a. Displays temperature measurement results on the authentication page



- b. Triggers voice prompt and alarm output when detecting abnormal temperature
- c. Transmits online and offline temperature information to iVMS4200 client software or HikCentral Profession platform via TCP/IP communication and saves the data on PC/server.
- d. Support ISAPI protocol for easier integration with 3rd party platform, upload event temperature and mask information in real-time;
- e. **Multiple verification modes**: card, face, QR code (DS-K1TA70MI-T does not support QR code)
- f. Face recognition in dark environment;
- g. Face recognition and temperature measurement distance ranges from 0.3 to 2 meters;
- h. Live face detection function with 3 levels: Normal, High and Higher
- i. Remote live view via RTSP protocol; encoding mode: H.264
- j. Support check in/check out/break out/break in/overtime in/overtime out attendance status;

8. Related accessories:

a. Base bracket, **DS-DM0701BL** Suitable for **DS-K1TA70MI-T** and **DS-K1T671TM-3XF**



b. Floor stand, DS-KAB671-B Suitable for DS-K1TA70MI-T and DS-K1T671TM-3XF



a. Base, DS-KAB6-Base

Suitable for DS-KAB671-B floor stand and DS-K5604A-3XF/V face recognition terminal, install in the bottom of floor stand or terminal to stabilize the device.



Customer Impact and Recommended Action

This new firmware upgrade is to improve product performance, and will take effect automatically after upgrading from previous versions. We'd like to inform you the above changes. Also, we are sorry for any possible inconvenience of use-habit changes caused by this action. For questions or concerns, please contact our local technical support team.

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