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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 dual-lens 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
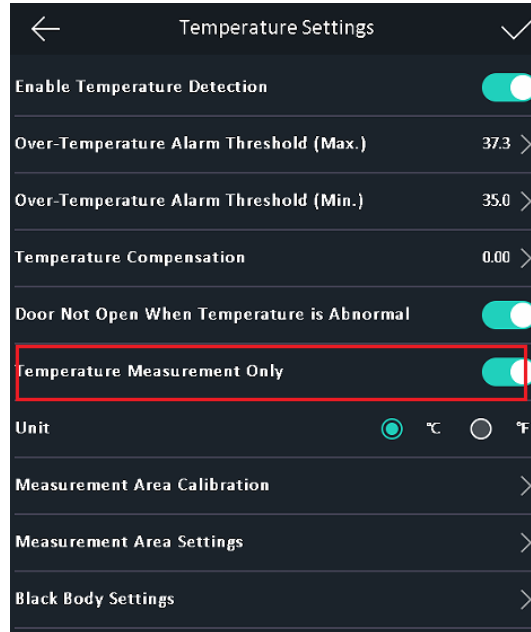
c. **Face mask wearing alert (reminder of wearing face must,** disabled by default**):** if the recognizing face does not wear a mask, the device will prompt a voice reminder, and the authentication or attendance is valid.

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.

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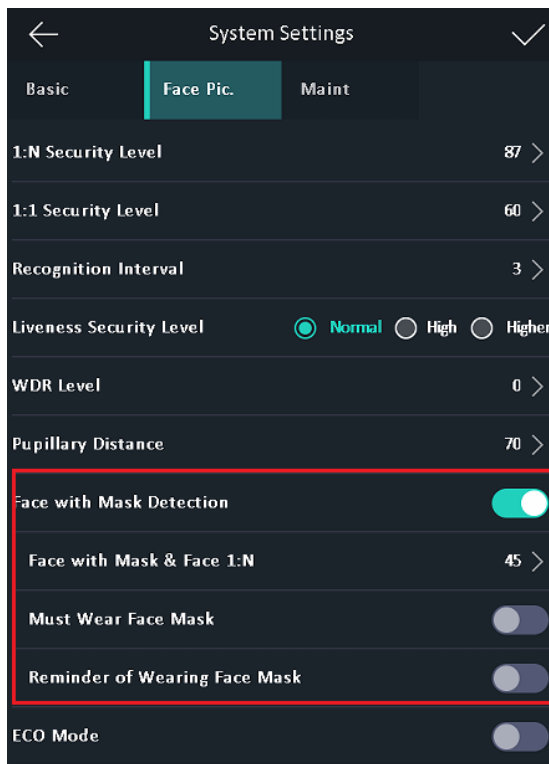
Note: All of temperature screening parameters are configurable from device local GUI or remote on iVMS-4200 or HikCentral Professional platform software

e. Support switch between Celsius and Fahrenheit units and temperature compensation function (picture on the left below)
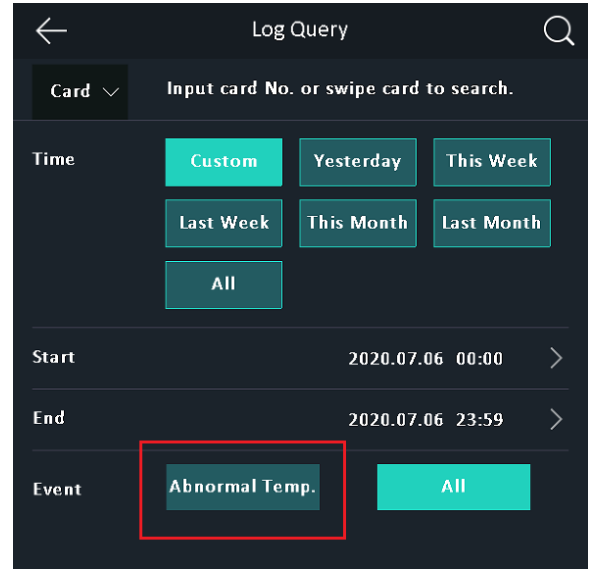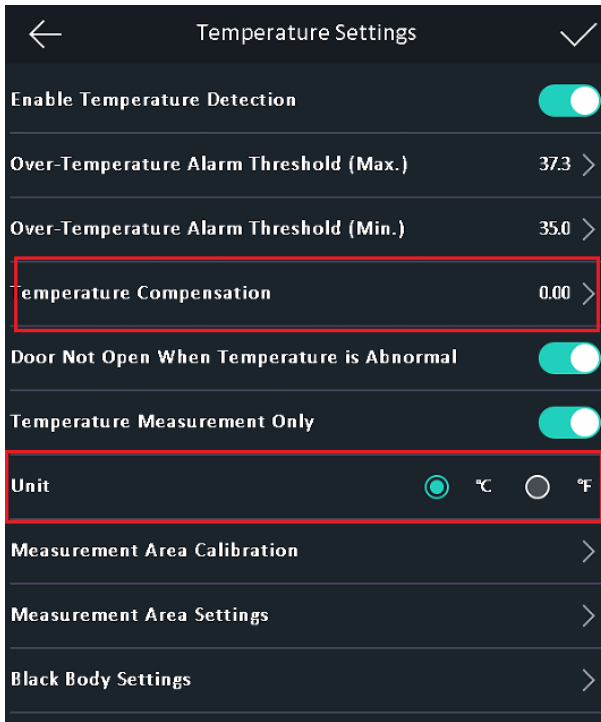
f. Search logs by abnormal temperature (picture on the right above)
    Note: if device in temperature measurement only mode, the event will not be saved in device)

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.
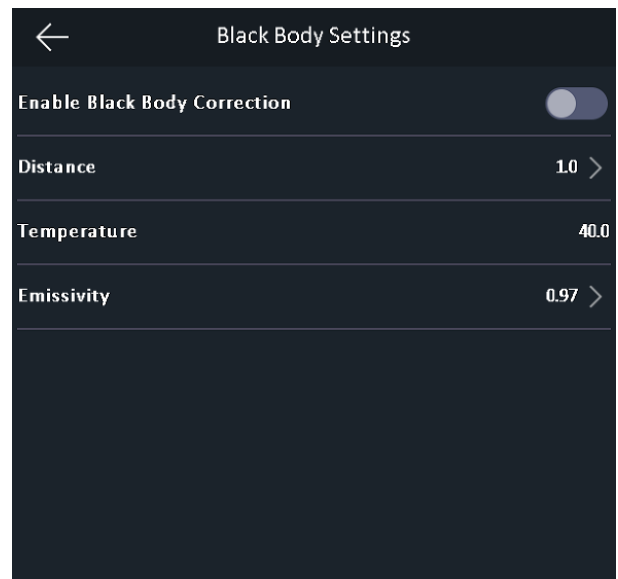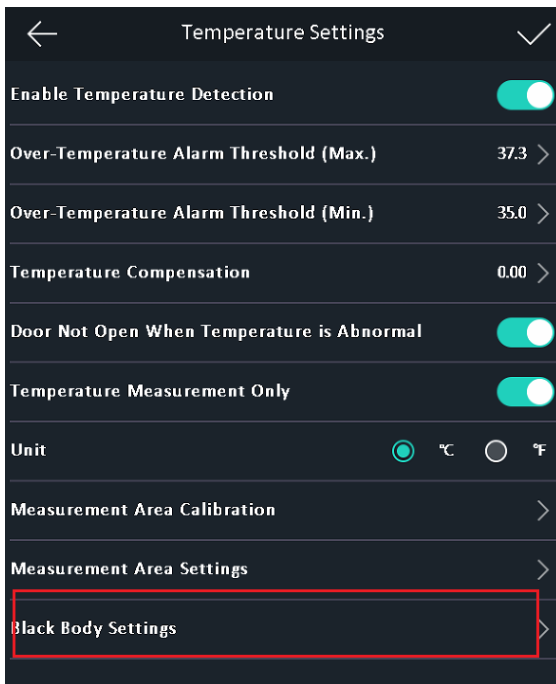
3. Support multiple languages: English, Spanish, French, German, Italian, Portuguese, Polish, Russian, Thai, Arabic
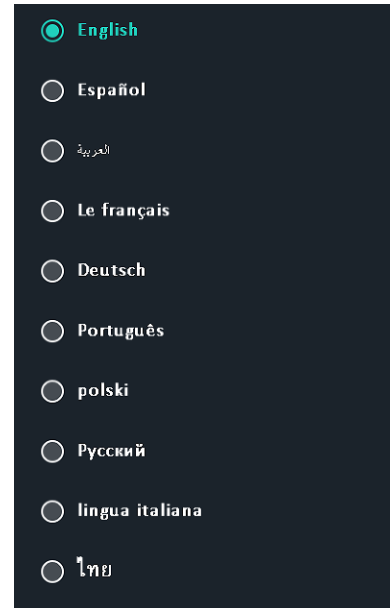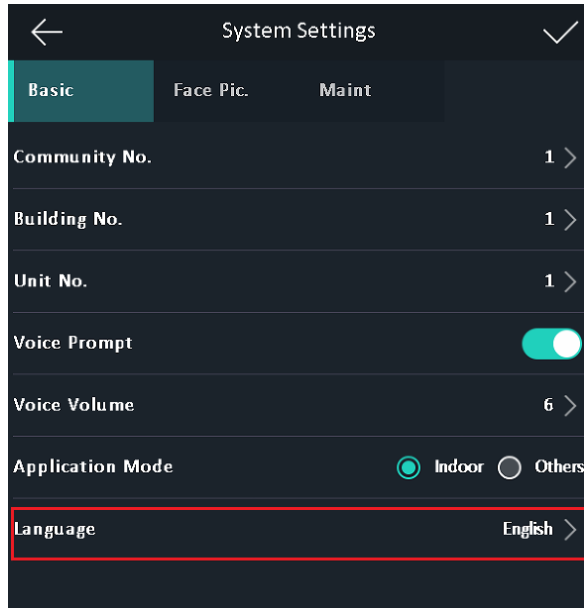
4. **Face, card, fingerprint and event capacity**

|	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 (purchase separately)	Not support	support
QR code	Not support	support
Range and accuracy	30-45°C, accuracy: 0.1°C, deviation: ±0.5°C	30-45°C, accuracy: 0.1°C, deviation: ±0.5°C (±0.3°C with black body)
Distance	0.3 ~ 1.8 m	0.3 ~ 2.0 m
Installation	1. wall surface mounting 2. desk base mounting (with DS-DM0701BL base bracket, **purchase separately**) 3. floor stand installation (with DS-KAB671-B floor stand, **purchase separately**)	**DS-K1T671TM-3XF:** 1. wall surface mounting; 2. desk base mounting (with DS-DM0701BL base bracket, **purchase separately**) ;3. floor stand installation (with DS-KAB671-B floor stand, **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
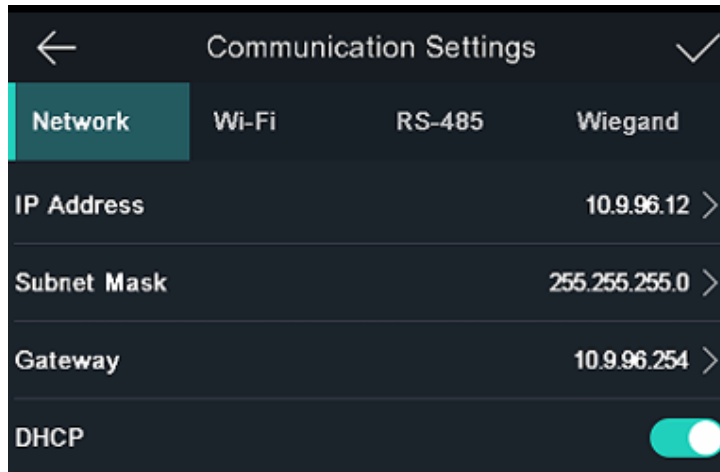
Note: face terminal and thermal module communicate internally with IP address 192.168.1.2 and 192.168.1.64, don't use these two IP address for device and PC in case of IP conflict.

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
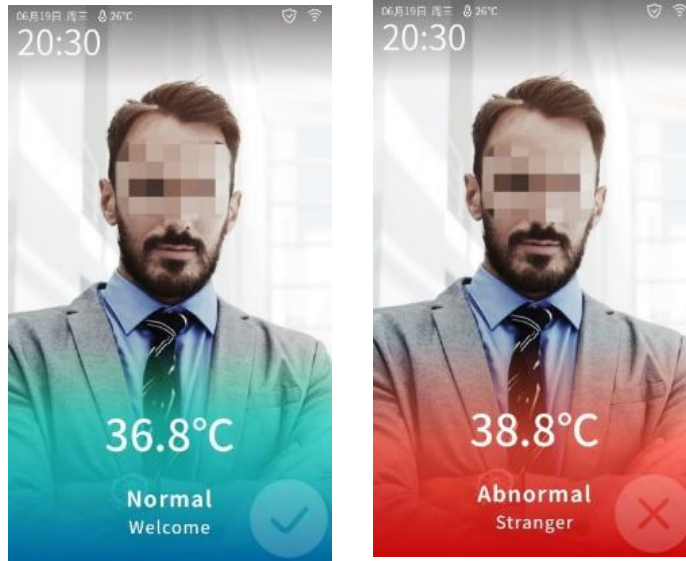
b. Triggers voice prompt and alarm output when detecting abnormal temperature

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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