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Temperature Screening Thermographic Camera Version:V5.5.32 build201028

Release Notes

(2020-11-3)

Firmware Version	V5.5.32 build201028

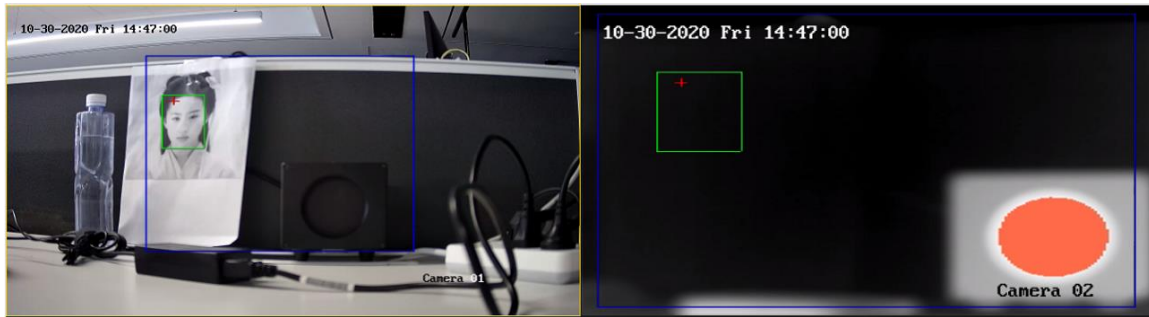| Product Support List |
|---|
| DS-2TD1217B-3/PA |
| DS-2TD1217B-6/PA |
| DS-2TD2617B-3/PA |
| DS-2TD2617B-6/PA |
| DS-2TD2636B-10/P |
| DS-2TD2636B-13/P |
| DS-2TD2636B-15/P |
| DS-2TD2637B-10/P |

Reason of Upgrade

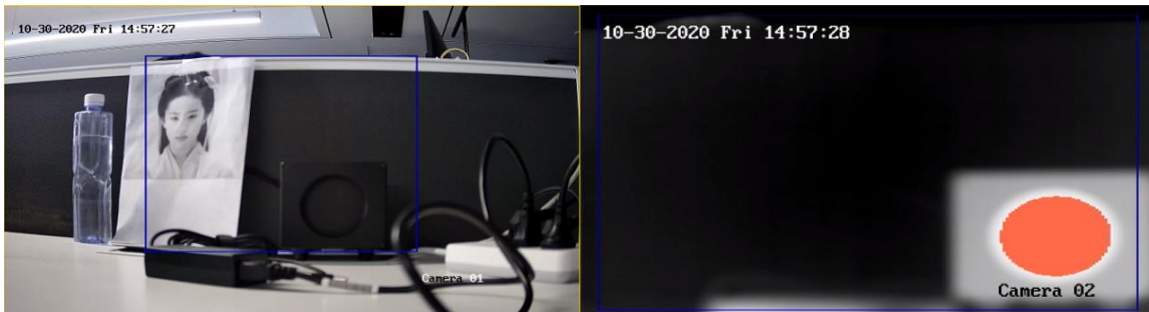Added new features and implemented some optimizations.

New Features

1. Added fake face filtering algorithm module in this version, in which the thermal channel also participated to distinguish the real and fake faces. Faces in picture or real faces behind the glass would not be detected any more.

Note: the following pictures are actual fake face detection effect for camera with different firmware versions.

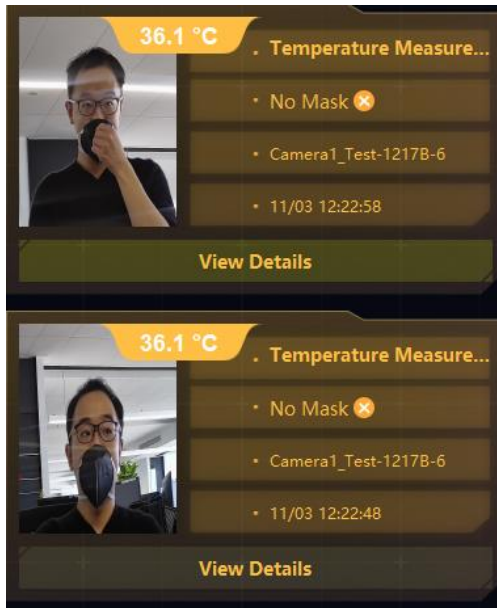**V5.5.26 build 200917:**

V5.5.32 build 201028:

Optimization

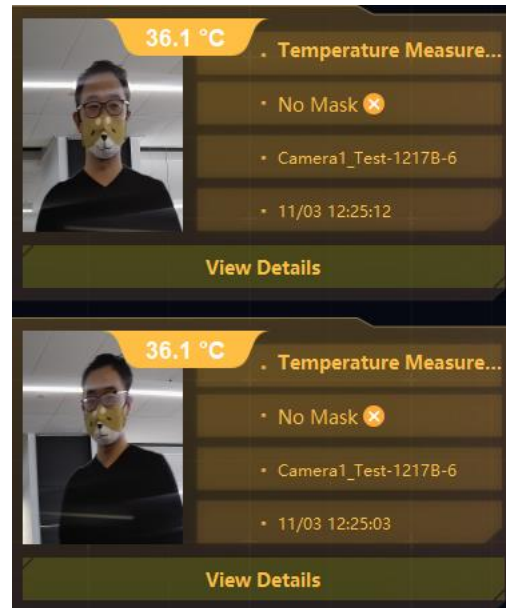1. Improved the detection accuracy of dark mask and colorful mask.

Note:

i) The following pictures are actual mask detection effect for camera with different firmware versions.
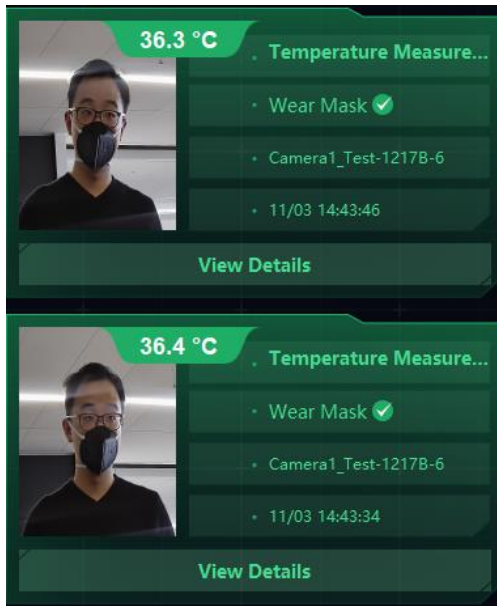
V5.5.26 build 200917:

Dark/Black Mask   Colorful Mask

V5.5.32 build 201028:

Dark/Black Mask   Colorful Mask

ii) After upgrading, the face detection rate of device would be a little lower than the previous versions. This is because the face angle calculations are more accurate in the new algorithm, which may result in a lower score for faces with huge side angle and no more

do detection and capture for these faces.

2. Optimized the background temperature compensation algorithm.

i) The improved algorithm module would give a different compensation value according to the actual face distance calculated by device, which made the final value more accurate (only under **Self-Adaption** distance mode).
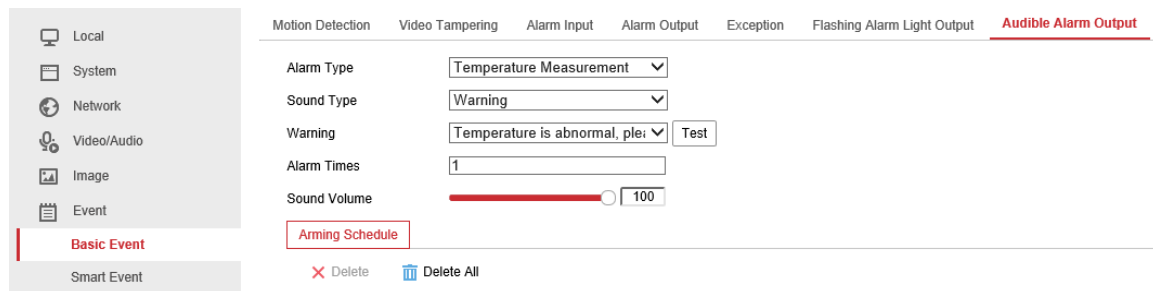
ii) A temperature threshold was given to this module in case of relatively low temperature measurement caused by background temperature misjudgment.

3. Optimized the temperature measurement model and increased the sensitivity of corresponding temperature range, which helped find someone running a fever more easily.

4. Raised the audio gain of default warning audio file for "/PA" devices (both alarm type **Temperature Measurement** and **Mask Detection** for all multiple languages).

Note:

i) If you find the alarm voice is too loud after upgrading, you could adjust the **Sound Volume (0 to 100)** in the below page.

ii) This change was only applied to the default audible warnings. Volume of custom audio uploaded by users would not be influenced.

Remarks:

● 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.