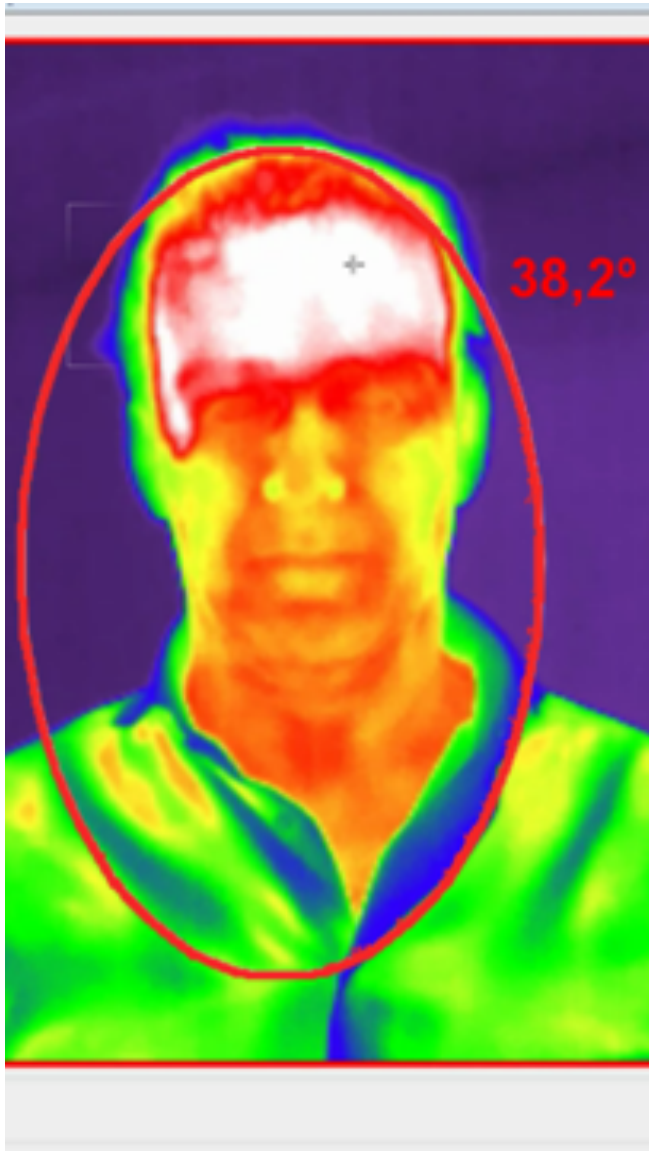
HTC-Embedded
Human Temperature Control

Q&A HTC-Embedded

- What is HTC? HTC is a real-time analytics which **detects people with high temperature** or exceed a limit temperature.
- How does it works? In order to reach maximum accuracy, we do not read the highest temperature point on the face. HTC reads and analyzes several facial points which reflect fever **and weigh them all to reach maximum accuracy**. With HTC´s current version, **Grekkom guarantees 98,4% accuracy.**
- What camera is compatible with HTC-Embedded? **AXIS Q2901-e**
- Which lenses are the most recommended? **9mm**, 19 mm also applies



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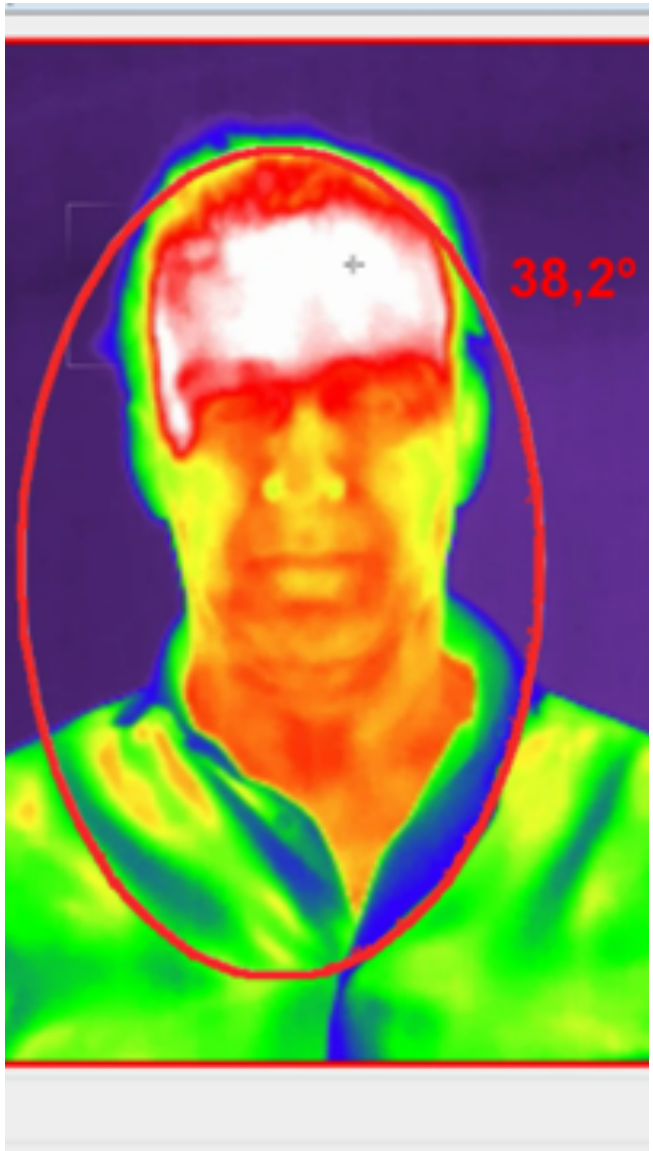
- Does HTC runs ACAP/Embedded? **Yes. HTC runs embedded into AXIS Q2901-e**
- What does the license cost includes? The license cost includes **initial set-up and fine tuning**
- Is there any additional cost besides the license cost? The **license is perpetual and does not requires any extra cost**. Preventive maintenance is available.
- Can I use the same license in multiple cameras? No, **each license is associated to one camera´s IP**.
- What happens if I have to substitute the camera? Please **contact Grekkom´s technical department to re-install the license on the new camera**. The first license will stop working, even if you recover the damaged camera. This procedure carries extra cost, always as long as the license re-install is due to a camera failure damage or problem.



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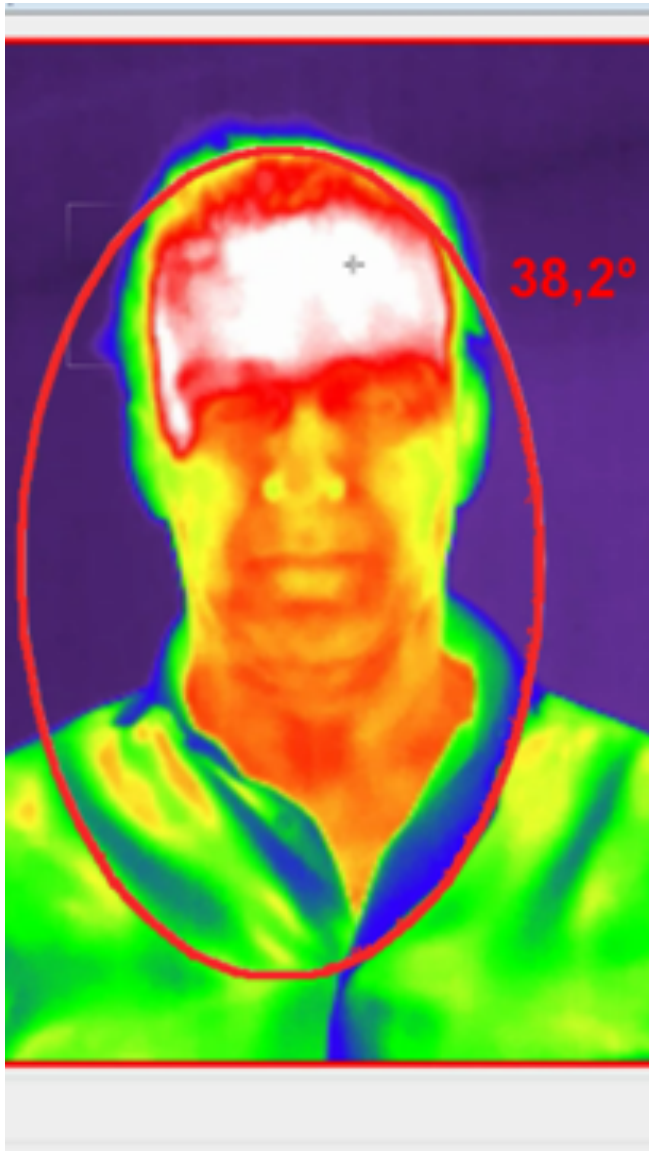
- Does HTC requires maintenance? It is recommended to **re-caliber the analytics periodically or every time the camera is moved from a scenario**. If your staff is not qualified or does not know how to re-caliber, please contact Grekkom´s technical department
- Is HTC autonomous? **HTC is autonomous**; although is recommended to be supervised in case the analytic is integrated with any access control devices
- At what distance detects? HTC can detect at a far distance; although in order to guarantee accuracy, we recommend to analyze at a distance of **1-3 mts from the camera**. It is important to understand that energy dissipates with space, that means that the further the person is from the camera, the less accurate is the temperature reading.



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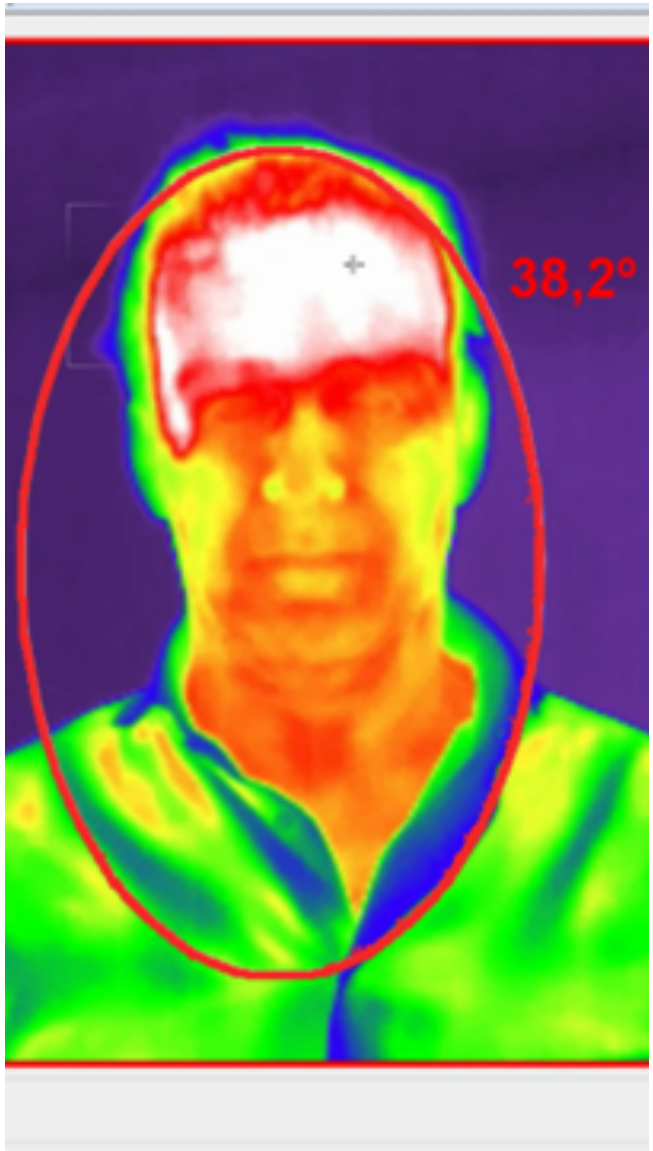
- How many people can HTC analyze simultaneously? We can analyze multiple people simultaneously, but with the Q2901-e **we recommend to analyze one person at a time**. As you know, Q2901-e has 6 detecting regions, if we have over six people in the field of view of the camera, we can just detect six. This is the reason why we decided to fix one detection region and analyze one person at a a time
- Can HTC integrate with an access control devices? **Yes, HTC can open/block access control devices**, to do so, integration will be required or activate digital I/O modules (current compatible with ADAM or MOXA)



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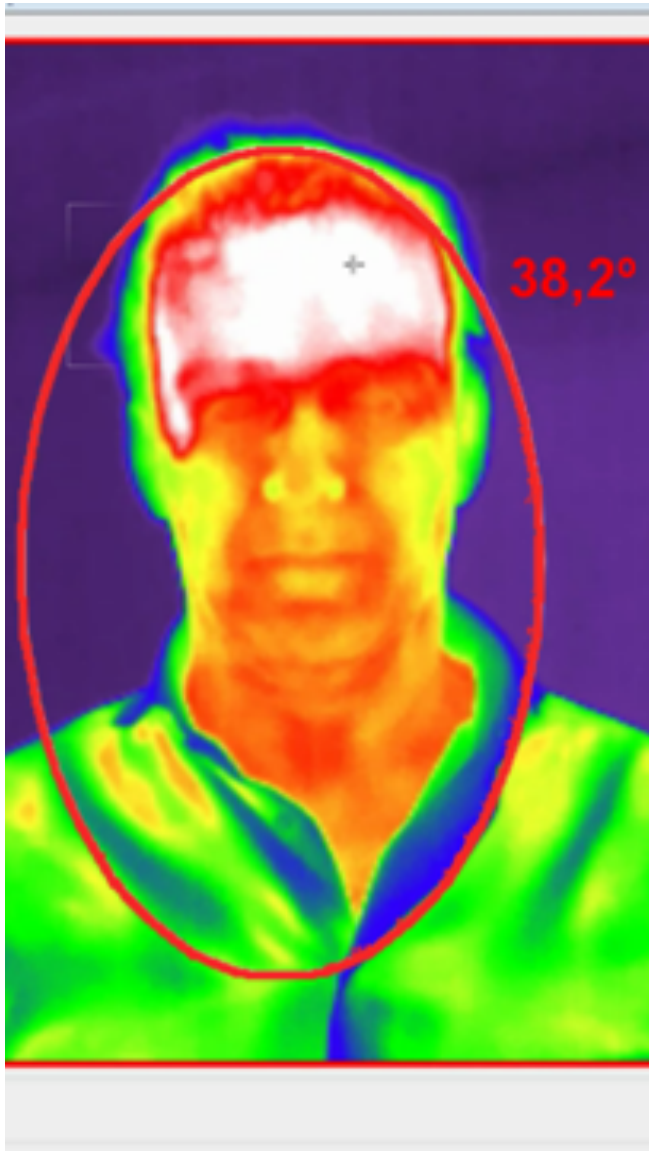
- Why analyze one person at a time? In order **to be highly accurate, we recommend to analyze one person at a time.** In the case of showing more than one person/face on the field of view of the camera, HTC will detect and analyze the closest face to the camera
- What happens when a person exceeds the limit temperature? Per every face detected, HTC will show a bounding box and the temperature. If the individual does not reach the limit temperature, the bounding box will turn green. **If the individual reaches the limit temperature, the bounding box will turn in red and will trigger an alarm (optional)**



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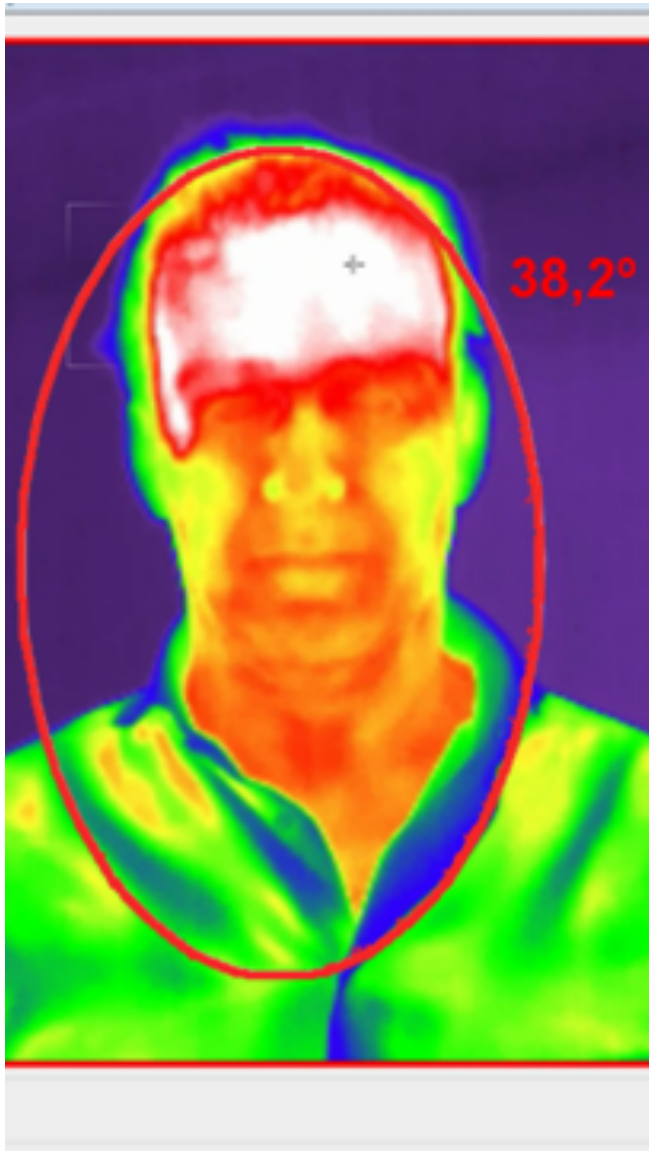
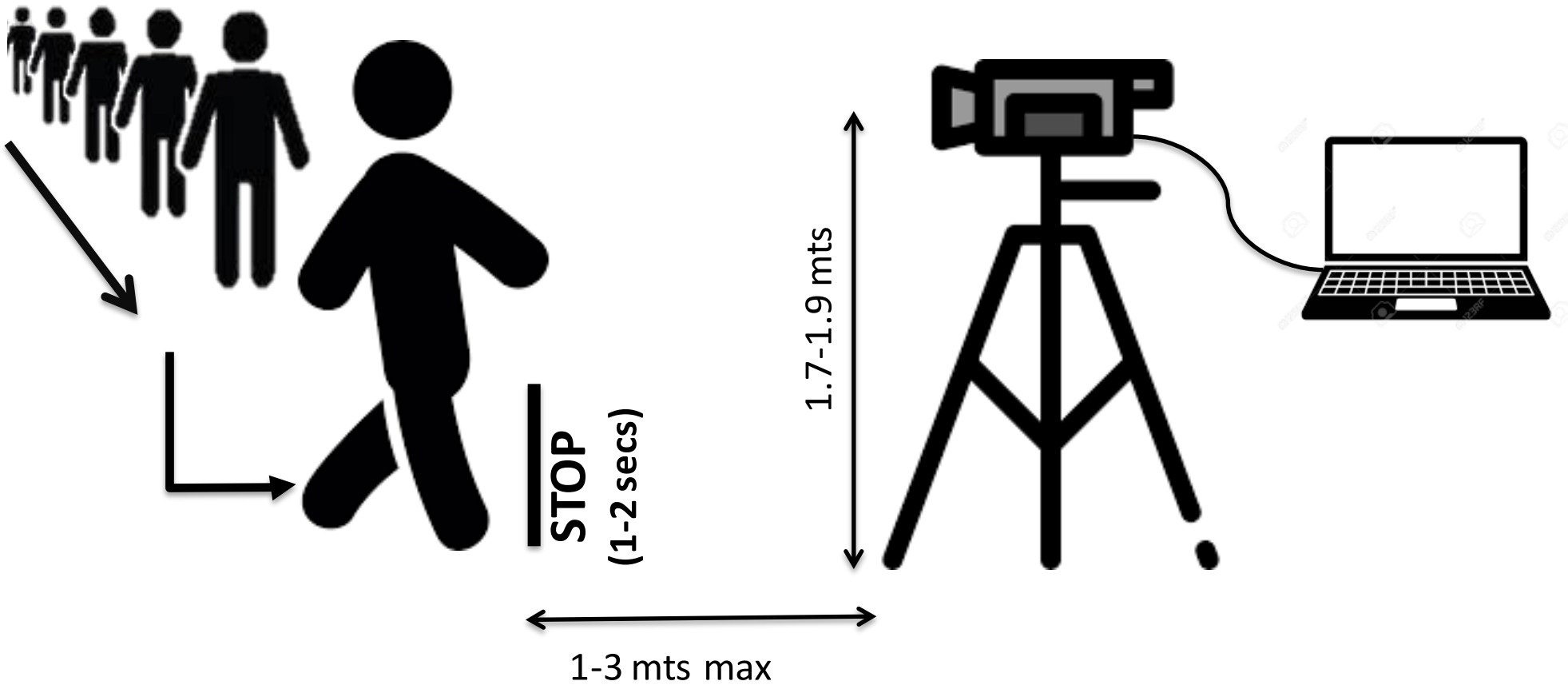
- AXIS Q2901-e has a +/-5ºC gab, how do we overcome this gab? +/-5ºC gab applies to outdoor reading and at a far distance (over 20 mts) In this case, we are analyzing at a a distance ≤4 mts, so **+/-5ºC does not applies in this scenario**, in consequence, we can guarantee high accuracy.
- Can I record the detections? **Yes, the camera includes an SD Card where we can record the positive detection** (individuals which exceed the temperature limit).
- Is HTC integrated with any VMS? HTC in integrated with **AXIS Camera Station, Milestone, Genetec, Avigilon, IDIS, Pelco, Ngaro**





We recommend to set the camera perpendicular to the line. This will allow us to analyze one person at a time. The individual will have to face the camera to be scanned.

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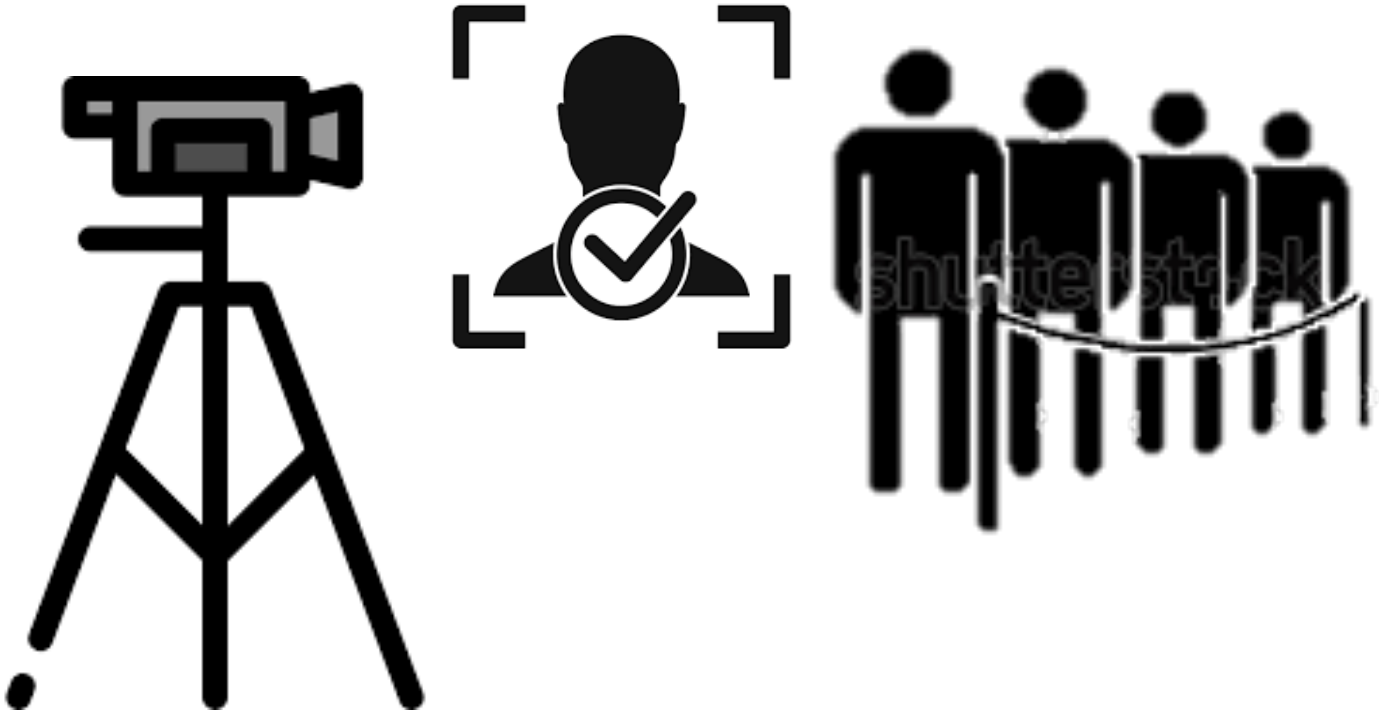

In the case the camera is orientated towards the line, HTC in order to guarantee maximum accuracy, will choose the closest face to the camera

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