

Access Control in times of coronavirus

Protect employees and visitors from Covid-19

TECHNICAL INFORMATION

Coronavirus and access control: technical possibilities

Typical application scenarios



In public areas, e.g. airports



In entrance areas of public buildings



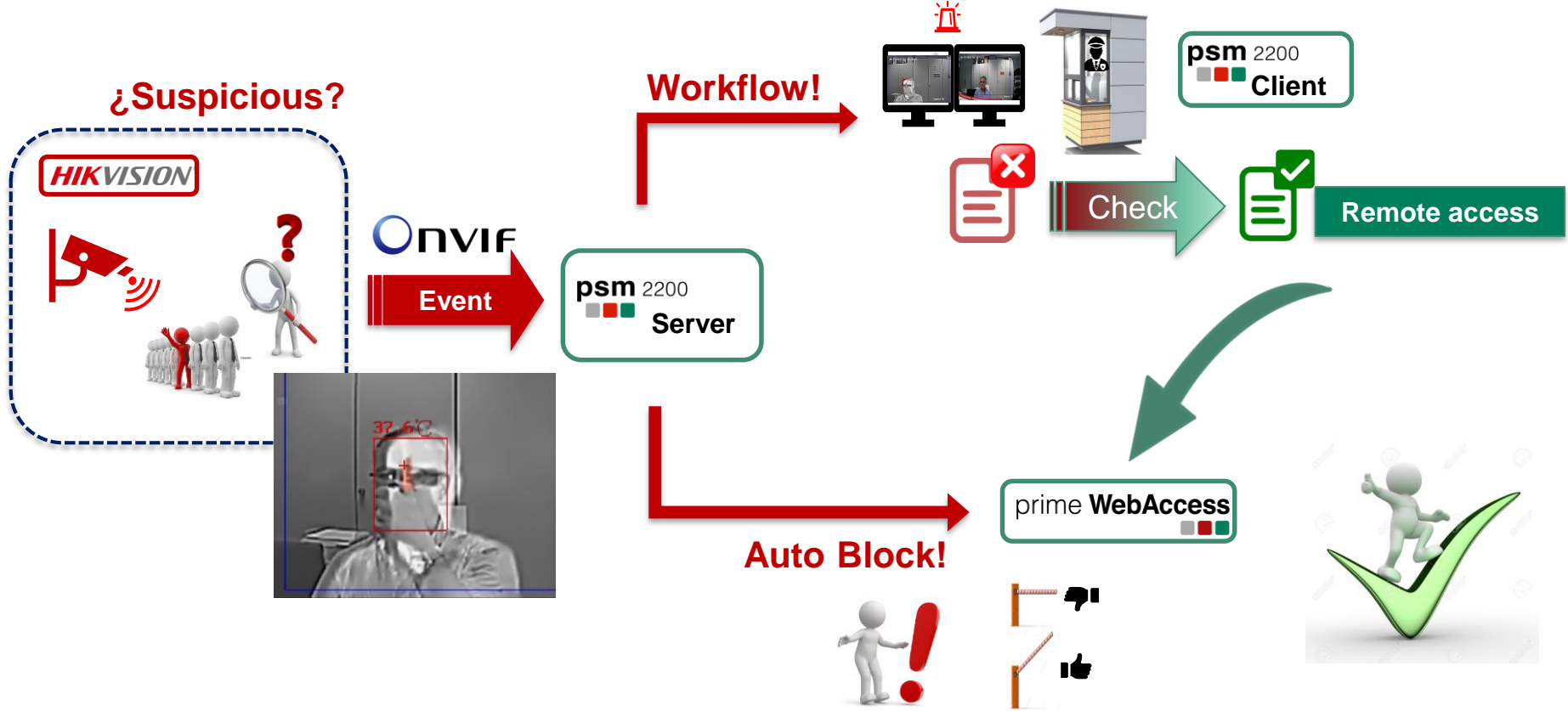
In connection with access control systems



Measurement of body temperature by means of thermal imaging camera



The principle of contactless measurement of body temperature



Application areas (examples)

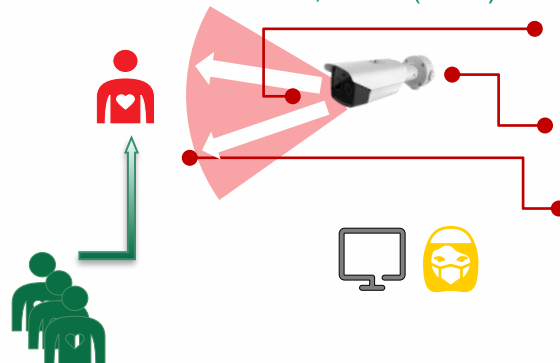
- Building entrance
- Foyer
- Security checks at the airport etc.
- Indoor use in the direction of movement of the person
- Recommended measurement only 5 minutes after entering the building
- With 'Blackbody' a tolerance of $\pm 0.3^{\circ}\text{C}$ can be achieved



DS-2TD1217B-3/6 PA
DS-2TD2617B-3/6 PA

Distance between camera and person:

- 0,8 - 1,5 m (3 mm)
- 1,5 - 2 m (6 mm)



- Installation on 1.5 m

Distance camera to person:

- 1 m (3 mm)
- 2 m (6 mm)

Ideally in the upper left or right corner of the thermal image.

- Thermal: 160×120 , focal length: 3mm/6mm
- Optical: 2688×1520 , focal length: 4mm/8mm
- Measurement accuracy: $\pm 0.5^{\circ}\text{C}$ ($\pm 0.3^{\circ}\text{C}$ with 'Blackbody')
- Measuring range: $30\text{-}45^{\circ}\text{C}$
- Ambient temperature: $10\text{-}35^{\circ}\text{C}$
- Integrated audio alarm for fever detection
- AI body temperature measurement reduces false alarms

Components

- HIKVISION Thermal Bi-Spectrum Bullet Cam
- prime WebSystems | Access control
- pSM | Physical Security Information Management
- ONVIF Interface@psm2200
- prime Interface@psm2200

Ask us for your solution!

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Summary

- ✓ Contactless and therefore safe application for all areas
- ✓ Wide range of applications
- ✓ Based on our standard primion products
- ✓ Approved camera model
- ✓ Proven and well-known camera manufacturer
- ✓ Precise measurements

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