

SPEEDFACE+

INSTALLATION & OPERATION TIPS

The SpeedFace+ series of skin temperature readers use sensitive thermopile and thermal imaging cameras to ascertain a person's skin surface temperature.

We suggest closely following these tips to ensure optimal results in speed & accuracy:

INSTALLATION TIPS

COMMENTS

Install ONLY indoors away from exterior doors and windows which are susceptible to possible temperature variations.	Wind, water, and outdoor air temperature directly affect skin temperature which may cause inaccurate skin temperature readings.
Install at least 10ft away from direct light sources or exterior windows.	Direct light & windows may unknowingly magnify light rays and cause elevated skin temperature.
Install approximately 5 1/2 ft above ground.	Installation-height should match the average height of the people being scanned. Short and tall users may need to slightly adjust the position of their face when being scanned.
Install more than 10ft away from reflective surfaces including glass, smooth tiles, and metal.	Reflective surfaces may unknowingly magnify light rays and cause elevated skin temperature.
Do not install multiple SpeedFace+ readers too close together. Keep them at least 3ft apart from each other.	Installing SpeedFace+ readers too close together risks creating signal cross interference which may result in bad temperature reads.

OPERATION TIPS

COMMENTS

Wait 30 min after installation & SpeedFace+ is power-up prior to scanning users for skin temperature.	SpeedFace+ requires sufficient time to equalize its thermal sensor with the surrounding room temperature.
Upon entering the building users should wait at least 1-2 min before scanning skin temperature.	Outside air temperature effects a person's skin temperature. Allow time for skin temperature to acclimate to indoor room temperature.
The forehead must not be blocked by hair, bangs or wearing a hat during temperature scanning.	SpeedFace+ may not provide accurate temperature readings if the forehead is partially blocked. Be sure to remove any objects covering the forehead.
The forehead must not have any sweat bead or perspiration emanating. Be sure to cool down and remove sweat from the forehead prior to scanning.	Outdoor temperature and excessive exercise and sweat on the forehead may produce false temperature reads.
If privacy is of concern, turn off the face capture feature.	SpeedFace matches biometric facial templates (not faces). SpeedFace does not need face images to operate.
Stand within 18in of the SpeedFace+ when scanning for skin temperature and mask detection.	SpeedFace+ is a near range scanning device. If your face is not positioned within the SpeedFace+ onscreen recognition frame, it will not be able to scan accurately.
If face verification is not working satisfactorily (i.e. many users wearing face masks), alternatively use the palm recognition feature instead.	The face-matching algorithm is very powerful. But if user's faces are not sufficiently visible, palm recognition is an excellent highly accurate touchless alternative.
Determine whether (or not) you want to recognize registered users. This setting can be turned on or off.	Some customers having privacy concerns may wish to maintain anonymity and want only to alert upon anyone having elevated skin temperature and/or not properly wearing a mask upon entering the room.
If you want to recognize registered users, determine which user credential(s) will be used and enroll only those credentials.	SpeedFace models can recognize a combination of PIN codes, faces, and fingerprints, depending on which SpeedFace model you have.
Determine whether you want to scan for skin temperature and/or the presence of a protective face mask.	These settings can be turned on, turned off or combined together.

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