Clevervisitor

CleverVisitor utilises our market leading facial recognition algorithm to actively, or passively, identify specific individuals and provide visitor management actions where appropriate

It's simple to implement, easy to use, highly accurate and secure. CleverVisitor;

- provides alerts when a visitor arrives to both the host and visitor
- shows the host a live image of the visitor to help with identification
- informs the visitor that the host is aware of their arrival and let's them know what they need to do
- can be linked seamlessly with access control systems to provide managed access control where required
- is cloud based, allowing the database to be managed centrally and deployed, in real-time, to multiple sites
- CleverVisitor can be tailored to your specific requirements and is highly useful for a variety of industry sectors including offices, schools, leisure facilities, production facilities and manufacturing

Host enters visitor details into CleverVisitor

If the visitor is already enrolled into CleverVisitor no further action is required. If not, they will be sent an email requesting them to upload an image through CleverEnrol

The visitor arrives at the location and is identified

The visitor will be granted access, via CleverAccess, to the reception area (where applicable)

The visitor receives a branded welcome email explain that the host is aware of their arrival and explaining what they need to do

The host receives an email with a live image of the visitor to help with identification

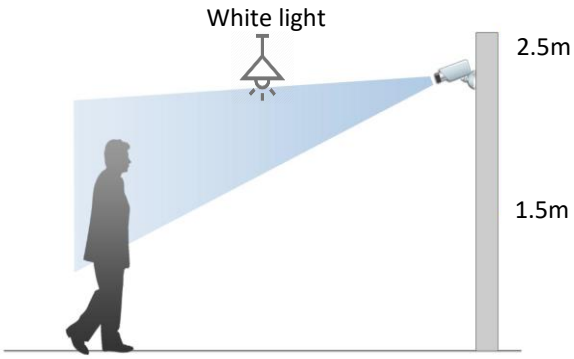
Customer Clever
Biometrics Applied

Accuracy

Identification accuracy of 99.42%*

This can only be achieved by:

- Ensuring the face is illuminated by a dedicated white light (300 lux+ is a good level). Shadowing or back lighting will impact the accuracy
- Ensuring that at least 75% of the face can be seen and at no more than a 10-degree tilt. Cameras should be placed at 1.55m – 1.8m where possible (up to 2.5m), with the exception of access control where it should be always be placed at 1.55m. The camera should always sit in corridor mode
- Ensuring a pixel density at the point of detection of at least 833px per metre
- Ensuring the enrolment image has a minimum pixel density of 150px x 150px and that the face is not obscured by glasses, hats, hair etc.



Technical specification

PC: Intel Core i7, Windows 10
CPU: 4xCores 3.2Ghz, Ram: 16GB
GPU: NVidia GTX1050Ti

CAMERA: good quality images, at least 1080p, glass optic megapixel lens with edge correction. Maximum field of view 90-degrees with vari-focal lens

INTERNET: permanent network connection; minimum 2MB down / 512KB up.

INTEGRATES WITH VIDEO MANAGEMENT SOLUTIONS:

Genetec milestone

GDPR considerations

You, as the client, are the data controller and operator so must be registered as such with the ICO via their website

All of the data, images and personal details captured are solely held on your premises and behind a secure firewall. You should have a clear GDPR and Data Protection policy for your management of the data

Customer Clever does not hold any data

You should complete a Data Protection Impact Analysis (you can find forms and information on ICO website in regards to this) for introducing face recognition

You should engage with internal and external customers to inform them that you are introducing FR and have signage explaining that you are introducing this. They will need to read and accept a privacy notice which explains how you keep their personal details secure

The enrolment app for taking photographs should have a GDPR prompt on it which needs to be accepted before proceeding to enrol a user into the system. The system simply requires a photo of the individual to be held plus a unique identification code. This could be randomly generated. You can hold names, but this is not essential.

*Based on 1,777 end users assessed through an existing FR client with client database of 75,000, May 2019

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