

## Open sesame

CleverAccess utilises our market leading facial recognition algorithm to actively identify specific individuals and provide access solutions where appropriate

It provides full integration with access control through leisure management systems and links with your digital and on-site customer experience

It's simple to implement, easy to use, highly accurate & secure and is cost effective versus card systems



CleverAccess takes inputs either directly into the access control system or from an existing client database



It provides remote alerts to mobile devices and management information to an intuitive, live, on-line dashboard



Its cloud based, allowing the database to be managed centrally and deployed, in real-time, to multiple sites



It allows touch-free access control in line with anti-contamination rules

## Testimonials

*"We contracted CCTech Ltd to create a highly secure and accurate face identification solution to allow only our active members, into our facilities. Working with our existing access door controllers, it automatically detects and identifies faces from a photo database, passing their details seamlessly to our membership system to make the access decision. The highly reliable system has replaced the need for card readers, removing the risk of fraud or card sharing. The CC team were able to guide us through the process thanks to their unique expertise and provided us with accuracy and security at an affordable price"*

**Leigh Allaker, Senior Project Manager, GLL**

*"Since the installation of CleverAccess, our members find entering and leaving the facilities much simpler. They don't have to worry about remembering their membership card and we've also noticed an increase in revenue due to the inability to card swap. CleverAccess has become an integral part of our gym and the ongoing technical support from the the CC team have been very much appreciated and invaluable in making the system incredibly easy to use"*

**Natalie Gorman, Manager, Better Gym Connswater (Belfast)**

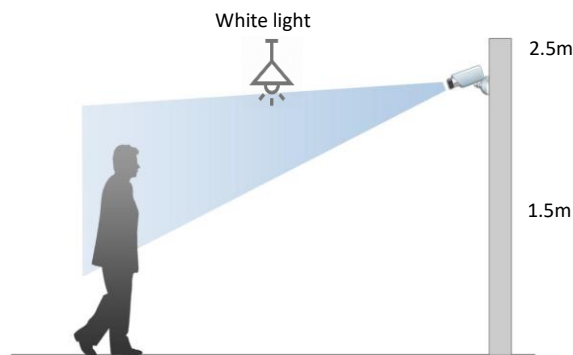


## Accuracy

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.

## 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.

## Integrates with:

### LEISURE MANAGEMENT SYSTEMS



### ACCESS CONTROL SYSTEMS



### VIDEO MANAGEMENT SOLUTIONS

