

# Photo Booths

Secure, self-service, image capture kiosks



**LUMEN ID**

LUMEN ID have designed a range of secure, self-service photo capture stations to automate and improve the access control credential production process. Credentials can take the form of an ID card, a biometric and/or the use of an applicant's mobile phone.



Photo booths provide a quick, simplified and cost effective way to self-register credential holders onto your existing access control system(s). These include permanent card holders and/or temporary cardholders such as visitors. Not only do they eradicate human error, improve image quality and ensure a consistent photo capture, but they reduce the costly burden of staff at dedicated ID centres for pass issue.

Each LUMEN ID photo booth can produce up to 1,000 new ID passes daily.

## Photo stations are available in three options:

- A traditional, conventional fixed photo booth
- A wall-mountable kiosk booth
- A transportable flight case option



## So how does the traditional photo booth work?

The LUMEN ID conventional photo booth features a user friendly, configurable touch screen interface with audible voice prompts that guide the user seamlessly through the image capture process. Using an integrated passport reader, users simply validate their identity at the booth by scanning their passport (or a similar form of identification).

## Features at a glance...

- Photo booths can print permanent ID passes and/or temporary visitor passes; Visitation rules can be displayed and a visitor's confirmation registered
- Reduces staff costs for pass production
- Intelligent image capture
  - Audio help will announce if enroller is sitting too close to the camera
  - Camera automatically adjusts for height of pass holder, and if they are sitting forward or leaning back
  - Provides consistent image quality & size dimensions
- Photo booth 'verbal' prompts are available in multiple local languages
- System can display a mandatory safety video before issuing pass (if required)
- Customisable TFT touch screen backgrounds
- A flexible photo booth 'credential capture workflow' can be tailored to individual organisations processes. Different processes can be deployed for new versus renewing pass applications
- Secure user authentication via passport, PIN or alternative form of identification such as driving license
- System can be configured to prove the attendance of the cardholder during the capture process – using an optional biometric
- Each photo booth has the capacity to print up to 1,000 ID passes daily
- Ensures consistent, quality & single credential for global enterprise deployments
- Supports multiple card technologies
- Photo booths are available as a standalone product or can be used as part of LUMEN ID's complete encrypted credential management solution
- Ideal customers include global financial institutions, airports and hospitals to name but a few



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The passport can be used to automatically scan in general ID details such as forename, surname, passport number, date of birth, nationality and place of birth. Users then key in a security PIN number to confirm their details.

## Intelligent, quality image capture & enrolment

Utilising the latest advances in image processing technology, four images of a consistent size and quality are captured for review. The photo booth camera automatically adjusts for pass holders height and the user is guided by the audio help if any positioning adjustments are required. If the user is not sitting in the correct position with head and shoulders visible or is not looking centrally towards the camera when the image is taken, then any inconsistent photos will be automatically disregarded from the capture software. This ensures that only images of a suitable quality, uniform size and with a perfect level of lighting are selected for review. The user then selects the desired image for credential printing.

Customers can choose whether to print the finished credential directly at the booth so there is no human intervention required, or they can print the badge behind a collection desk or secure ID unit where a final manual check and verification is made.

## Configurable, flexible photo booth workflow process

Photo booth 'workflow processes' can be customised by users to suit their operational security/credential needs. For example verbal prompts can be easily translated into multiple languages and customers can also choose their preferred means of 'proof of cardholder attendance' such as passport, driving license, PIN number and/or optional biometric.



## Assists with bulk credential reissue

LUMEN ID photo booths are particularly beneficial for use during times of access control technology replacements or upgrades when customers need to quickly reissue credentials in bulk. Here organisations are faced with the urgent need to replace many thousands of ID cards in a relatively short period of time and in most cases have neither the staff nor the facilities to achieve this. LUMEN ID photo booths successfully enable the large scale recapture of card holders images during this difficult process. They decrease both the time spent waiting to have credentials issued, as well as the amount of personnel time involved in issuing credentials. Working with local installers we can set up photo booths and temporary issue locations which can be manned with contracted staff to assist with the reissue if required.

## Cost-effective creation of credentials on demand

When reissuing cards the cost of purchasing a credential can be easily calculated. However the largest cost factor which is often overlooked is the staff involvement costs in the reissue process. LUMEN ID photo booths therefore provide a secure, unattended process to cost-effectively create credentials on demand.

### Specification

#### Photo units are available in various form factors:

- Transportable unit  
(1.96m high x 1200mm deep x 2.3m long)
- Fixed conventional installation  
(1.92m high x 1.3m deep x 900mm long)  
*See below for specification*

#### Enclosure:

- Curtain covers on both sides
- Custom panels available

#### Integrated hardware:

- Integrated 21" super bright LCD flat touch screen
- Integrated stereo speakers

- Integrated high resolution camera (5 million pixels)
- Integrated flat white light illumination panel
- Integrated passport reader/ identity card reader/ driving license reader

#### Power:

- 230 VAC
- USB port
- TCP/IP Network outlet (RJ45)

#### Access control systems interface connectivity:

- Connects to multiple access control systems via Software Development Kit (SDK), Application Programming Interface (API) or Open Database Connectivity (ODBC)

