

ID-ware Photon AI

**AI-supported identity image
capture & automatic validation
according to your standards**



The ID-ware Photon AI is an advanced cloud-based solution designed to simplify and enhance the identity image capture and validation processes within your organisation.

By leveraging AI technology, ID-ware Photon AI allows registered users to upload their personal identity photographs with ease and ensures the images meet stringent quality and correctness standards. Unsuitable images are automatically declined, maintaining a high level of accuracy and efficiency.

Key Advantages ID-ware Photon AI

Seamless image upload

Users can upload photographs from PCs or mobile devices, providing flexibility and convenience. A unique QR code streamlines the user login experience, eliminating the need for manual input and ensuring quick access.

Intelligent image validation

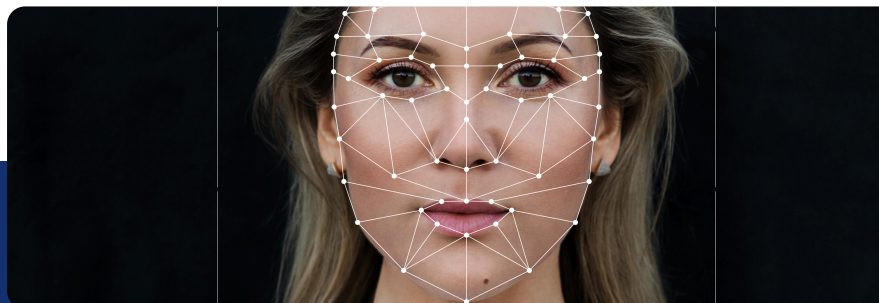
ID-ware Photon AI validates image quality by checking resolution, lighting, and facial visibility. It ensures compliance with industry standards, rejecting images that do not meet predefined criteria. Recognises: pose (roll/pitch), sunglasses, quality, face coverings. The AI removes the noise of the image background to improve the ID image recognition. Unsuitable images or image content will be declined.

Secure and reliable cloud infrastructure

Hosted on AWS cloud, ID-ware Photon AI ensures data is encrypted and safeguarded against unauthorised access. It adheres to global data protection regulations, guaranteeing that user information is secure. Furthermore, uploaded images are processed but not retained in the application.

System integration

ID-ware Photon AI directly imports validated images into the ID-ware PIAM (Physical Identity & Access Management) Cloud. It is compatible with other identity management and access control systems: a versatile choice for organisations of all sizes (FTP, FTPS, SFTP).



How it works



Technical Specifications

| | |
|--------------------|---|
| Platform | cloud-based (AWS) |
| Encryption | end to end, AES 256-bit |
| Integration | ID-ware PIAM Cloud, third-party systems |
| Access Methods | QR code, mobile, PC |
| Validation Metrics | Resolution, Lighting, Facial visibility |
| Compliance | GDPR |
| Output files | .png or .jpg, ~ 50KB for jpeg (depends on original quality) |
| Colour space | RGB, greyscale, RGBA *transparency) |

Key Business Benefits



Efficiency & Accuracy

ID-ware Photon AI eliminates manual validation, reducing errors and processing times. This leads to faster onboarding and improved user satisfaction.



User Experience

With QR code login and mobile accessibility, ID-ware Photon AI ensures users can easily upload and validate their photographs anytime, anywhere.



Robust Security

ID-ware Photon AI leverages AWS's secure cloud infrastructure, ensuring data integrity and compliance with regulatory standards.



Scalability & Flexibility

Designed for businesses of all sizes, ID-ware Photon AI's compatibility with multiple systems allows it to adapt to various operational needs.

Applications of ID-ware Photon AI

It is time-consuming and labour-intensive for your organisation to adapt loads of employee photos to your specific card requirements, ID-ware Photon AI helps solving this issue. Allocate the administrative burden directly to the users and let your administrators focus on other important tasks!

Examples

- Critical National Infrastructure
- Corporate and Enterprise
- Government and Secure Facilities
- Educational Institutions
- Healthcare and Medical Facilities
- Industrial and Manufacturing Plants

**Interested or have
challenges to solve?**

**Empower your identity verification process with ID-ware Photon AI, the future of
secure and intelligent image validation.**

Contact us to discover how ID-ware Photon AI can enhance your business efficiency.

About us

ID-ware is a leading global provider of Physical Identity and Access Management (PIAM) solutions. With over 20 years of experience, we are specialised experts for effective identification and authentication processes to support large-scale organisations.

Our innovative and secure products in connection with our strong principle of long-term partnerships make our customers profit from customised solutions for their complex environments.



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