



LPP
HOLDING



GUARDIAN

BIOMETRIC SECURITY CHECKPOINT ACCESS CONTROL

Guardian is a biometric access control system specifically designed to streamline authorization at secure checkpoints. By utilizing advanced facial recognition and biometric door locks, it automates precise person identification and verification, ensuring controlled access to restricted areas. Guardian also supports active watchlist monitoring, real-time alerts, and passport/ID verification.

MAIN FEATURES

- + Biometric access control system focused on securing entry to restricted areas through accurate identity checks.
- + Leverages advanced facial recognition to verify individuals by matching their faces with databases or ID documents.
- + Core features include face identification (1:N), face verification (1:1), and face enrolment.
- + Enhances security with watchlist management, real-time alerting, and verification for IDs/passports.
- + Works reliably even with masks, glasses, plastic surgery, or varied face angles.

GUARDIAN TOOLS

Security checkpoints can utilize several built-in tools designed for maximum operational effectiveness and a streamlined workflow.

- + Person vs document/database verification
- + Person identification
- + Access data management
- + Active watchlist management
- + Real-time alerting
- + Person enrolment into database



SYSTEM FUNCTIONS

Guardian supports core biometric processes that allow for reliable identity matching, individual verification, and data collection to maintain and expand secure access systems.

- ✚ Face identification – 1:N database comparison
- ✚ Face verification – 1:1 two faces comparison
- ✚ Face enrolment – data collection for future databases

USE CASE EXAMPLES

Thanks to its emphasis on speed and accuracy, Guardian is a highly versatile solution that can be deployed at fixed checkpoints, across facilities, or even on mobile units for flexible access control.

- ✚ Passport check – compare biometrics with documents
- ✚ Restricted access – government, military, or VIP areas
- ✚ Work release – verify returning prisoners
- ✚ Mobile identification – quick identity verification in the field

ACCURACY

The system demonstrates exceptional accuracy, surpassing the competition by achieving more than two times the number of Top-1 matches on a 10s million faces national database.

PERFORMANCE

With the ability to enrol up to a million faces per day on a single GPU server, including image checks and import into Guardian system, Guardian offers unmatched performance and scalability.



L.P.P. Holding a.s.

Pod Hajkem 406/1a, 180 00 Prague, Czech Republic

+420 605 295 772

info@lpp-holding.com

www.lpp-holding.com