



# Smart Access Control System

## Technical Datasheet



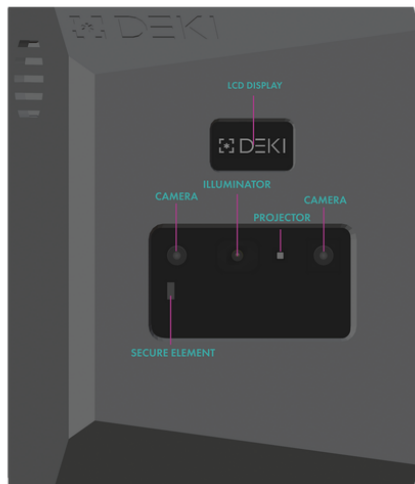
[www.deki.ai](http://www.deki.ai)

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# Face Recognition

## with Artificial Intelligence



### Key Features:

- Full HD 1080p Video
- Can store **up to 5.000 faces**
- Accuracy rate **over > 99%**
- Local computing (GDPR Compliant)
- 24/7 continuous face recognition through wired connection
- **Night Vision** support
- Web interface (mobile/desktop)
- Online and Offline functionality
- No installation - **Plug & Play**

## Specifications:

### Overview

Chipset	High-performance SOC chip
Camera	Full HD 1080p RGB dual camera
Storage	512mb of local storage
Ports	1x PoE 1Gbit/100Mbit
Audio Output	Built in Speaker

### Face Recognition Module

True Acceptance Rate	Up to 99.76 %
False Acceptance Rate	1:1 Million
Face Database	Up to 5,000
Max Simultaneous Recognition	Supports up to 5 people in the Field of View
Verification Speed till action	< 1 second
Field of view (H x V)	56° x 78°
Recommended Distance	0.3 m to 1 m
Spoof Acceptance Rate	< 0.1%
Encryption Used	AES-256

### General

Dimensions	140 mm x 70 mm x 100 mm (5,5" x 2,7" x 3,9")
Weight	0.294 kg / 294g
Working Humidity	Up to 95%
Working Temperature	0°C to 50°C
Power Input	PoE 12V 30w

# True Plug & Play



## Accurate

Our system has **over 99% accuracy** in lighting conditions from complete darkness to strong sunlight, plus it supports every skin tone and shade reliably.



## Fast & Flexible

The specialized neural network allows **real-time face recognition under 1 second** and it supports adaptations over time - different facial hair, hairstyles and more.



## Functional

Manage attendance, trigger audio announcements and embrace keyless access. Our system can connect to **Smart Locks** via APIs and open **Electromechanical doors** and turnstiles remotely through Remote Relays.



## Secure

Nothing beats local computing when it comes to security. All recognition happens locally and data can be stored on the premises (cloudless), making our system **secure and GDPR compliant**.

