

Deep Learning Facial Recognition Server

Linux based Deep Neural Network Server for Access Control - DIN-rail mounting



FACEADMIN-AI RAILSERVER

- Biometric access control system
- Access based on user, time, door, and credential
- Internal encrypted database for up to 10,000 faces
- Central data storage of biometric templates (GDPA compliant)
- Facial model with 99.38% accuracy on the standard Labeled Faces in the Wild benchmark
- Serves up to 16 terminals connected via Gigabit Ethernet
- Local facial enrollment via monitor/USB-WebCam or Mobile App

FACE X ADMIN[®] -AI

Biometry with Deep Neural Network Technology

TECHNICAL DATA

BIOMETRY

- Face recognition based on deep neural network
- Detection accuracy: 99.38% based on the standard „Labeled Faces in the Wild“ benchmark
- Detection speed: 15 faces per second
- Enrollment time: less than 5 seconds
- Template size: 1kByte

SERVER

- Ubuntu Linux
- Quad core ARM
- NVIDIA Pascal 256 CUDA cores
- 8 GB LPDDR4
- 32 GB eMMC
- SATA SSD optional

INTERFACES

- Gigabit Ethernet with PoE+ (802.3at)
- DC-Input: 12 VDC 2A
- DisplayPort 1.2
- USB 3.0 Type A
- 2x Trigger inputs: biased, connect to ground to activate
- 2x Relay dry contacts C-style: 0,6A @125 VAC, 2A @ 60 VDC
- 2x Serial interfaces RS232/RS485
- +5V 500mA output

DISPLAY

- 2,9" E-Paper display for status information
- 296 x 128 pixel, black and white

LED-INDICATORS

- Ethernet Link/Activity
- PoE-PD Power present, AT-DET (802.4at)
- Local Power present
- System ON
- Relay 1/2 active
- Trigger 1/2 active

POWER SUPPLY

- Power-over-Ethernet (PoE+) 802.3at
- 12V DC 2A

ENVIRONMENTAL CONDITIONS

- Operating Temperature: -20 °C to +40 °C
- Humidity: 5% ~ 95%, non condensing

ORDERING INFORMATION

PRODUCT	ORDER CODE
FaceAdmin-AI	7560

COMPLIANCE

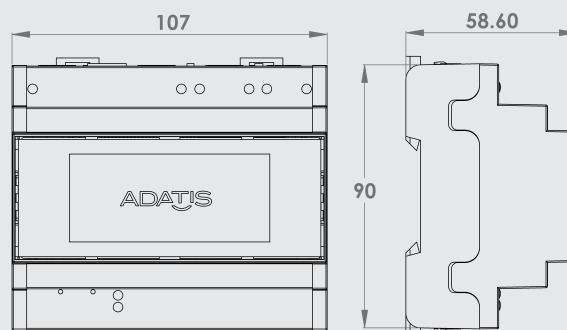
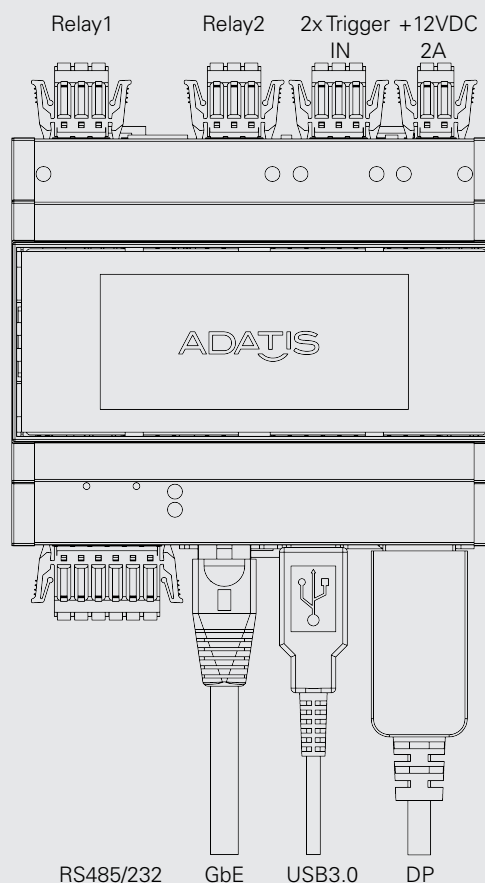
- CE compliant
- EN55022, EN61000-3-2, EN61000-3-3, EN55024

DELIVERY CONTENTS

- FaceAdmin Unit

HOUSING

- 6 Module DIN rail housing: 107 x 90 x 58 mm
- rugged polycarbonate UL94V-0
- top shell light grey RAL 7035
- bottom shell anthracite grey RAL 7016



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