

Much more than access control

OPEN-EYES is an access control platform equipped with thermoscanner and gesture recognition natively digital with IP connectivity on which is pre-installed a Linux operating system as well as an open source software suite for the management of the display and VOIP calls.

The operating system allows maximum flexibility in use and integration with the most heterogeneous technologies (IoT systems, home/building/industrial automation, video cameras, audio/video systems, Web services, etc..) becomes a hub of intelligent objects present in the environment in which it is inserted.

OPEN-EYES is an enabler to the use of new technologies, the Artificial Intelligence allows to provide innovative services with a refined and evolved User Experience.

The system consists of a physical unit to be installed at the entrance and uses an Ethernet LAN CAT5 connection.



Physical & Power

- e RAM/ROM 1GB/16GB
- e Display: 5 inch IPS LCD
- e Camera: 8M pixels
- e Infrared sensor grid-eye
- e 2 GPIO
- e 1 internal USB Interface 2.0
- e 1 external USB Interface 2.0
- e Microphone:
- e Proximity/Gesture recon/light sensors
- e Thermoscanner
- e Speaker: 8 Ω / 2W
- e Ethernet port: RJ45 10/100Mbps adaptive
- e 12~24V DC power input
- e Installation: Wall-mounted
- e Dimension: 190x103x25 mm
- e Working Umidity: 10~90%
- e Working Temperature: -20°C ~ +55°C
- e Storage Temperature: -40°C ~ +70°C

Networking & Protocol

- e Protocols support: IPv4, HTTP, HTTPS, FTP, SNMP, DNS, RTSP, RTP, TCP, UDP, ICMP, DHCP, ARP

Door Entry Feature

- e GPIO controlled by DTMF tones
- e Camera permanently operational
- e Auto-night mode with LED illumination

Audio

- e SIP v1(RFC2543), SIP v2 (RFC3261)
- e Narrowband audio codec: G.711a, G.711 μ , G.729
- e Broadband audio codec: G722
- e DTMF: In-band, out-of-band DTMF (RFC2833), SIP info
- e Echo cancellation
- e Voice Activation Detection
- e Comfort Noise Generator

Video

- e Sensor: Sony IMX 219 PQ CMOS fixed-focus module
- e Resolution: 8 - megapixel
- e Image transfer rate: 1080p - 30fps
- e Video codec: H.264
- e Viewing angle: 110° (H) / 62° (V)
- e Image automatic control functions:
 - exposure control
 - white balance
 - band filter
 - 50/60Hz luminance detection
 - black level calibration

Deployment & Maintenance

- e Auto-Provisioning
- e Web management portal
- e Web-based packet dump
- e Configuration backup/restore
- e Entry log export
- e Access table export/import
- e Firmware upgrade
- e System logs (include door access logs)
- e Market Place for services