

Datasheet

ievo iface™ - Facial Recognition Terminal

Product Description

The ievo iface is an advanced face recognition terminal. It combines highly accurate face recognition with very efficient processing of face images for high matching accuracy.

iface utilises two separate cameras: one using visible light and one in the NIR (near-infrared) spectrum. This dual-camera setup optimises face matching and live face detection for anti-spoofing purposes. iface authenticates and authorises users in only 1 second.

Operating at a distance of 0.4 to 2 metres, the system provides a safe and fully touchless access control solution. The device mounts on walls, desktops and turnstiles, accommodating a wide range of environments. In addition, the built-in RFID card reader with MIFARE®, DESFire® EV1 and FeliCa® protocols enables two-factor authentication with card access where required.



Key Features

- Standalone or Wiegand - Integrates with the ATRIUM online access control system
- MIFARE® DESFire® EV1 FeliCa® built-in card reader
- Dual camera for optimised face matching
- Built-in light for use in low light conditions
- Automatic capture of people
- Fake face detection (anti-spoofing) & tamper detection
- Voltage (12Vdc) and PoE versions available
- For internal use only



Certification



Certification



DEEE



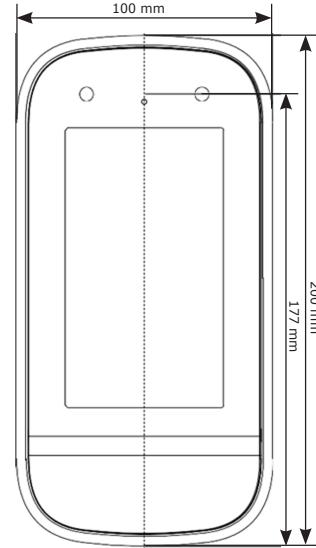
Certification



-0°C to 45°C

Product Specifications

Mounting:	Wall, desktop, turnstile and other
Technology:	ISO/IEC 14443 for MIFARE® DESFire® EV1, FeliCa®
Memory:	2GB RAM, 8GB Flash
Connections:	RJ45 for LAN, Wiegand IN/OUT, GPIO (3), RS485, dry contact relay,
Ethernet:	Standard 10/100 BaseT and GigE
Cameras:	2, for facial recognition (visible light) & detection (NIR)
Height range angle:	145cm - 210cm at 70cm standoff (at 135cm installation height)
Face capture range:	0.4m - 2m
Database:	Max 20,000 users in 1:N mode
Enrollment Speed:	5 sec
Recognition speed:	1.0 sec in 1:N mode with 20,000 users in on-board database
Authentication speed:	0.3 sec in 1:1 mode
CPU:	ARM Cortex A53 Octa-core (8 core) operating at 1.4GHz
Display:	5-inch (nominal), touch
Weight:	450 g



Electrical Specifications

Power input:	
• IFACE:	15Vdc @ 2A (12V-25Vdc tolerance)
• IFACEPOE:	PoE+ (IEEE 802.3at)
Max current:	3.0A
Power supply (optional):	Input: 110-240Vac Output: 15Vdc

Range References

F0106000039	IFACE	ievo high speed facial recognition terminal, 12-24Vdc
F0106000042	IFACEPOE	ievo high speed facial recognition terminal, PoE