

Datasheet

IEVO-U - ultimate™ Fingerprint Reader

Product Description

The ultimate™ is a fingerprint scanner employing a high performance multi-spectral imaging (MSI) sensor. It reads fingerprints from the surface and subsurface levels even if hard to distinguish due to external factors such as levels of dirt, moisture etc. The ultimate™ is designed for external use and remains effective in harsh weather conditions and high footfall environments.

The reader can be enabled for AES128-bit encrypted transmission (on request). High quality, accurate fingerprint images are securely sent to the interface board, which is installed on the secure side of the door - no data is stored on the reader head. Here the board performs 1:N matching for up to 50,000 fingerprints (10,000 standard).



Key Features

- Vandal resistant (with external cover)
- Liveness detection and anti-spoofing (when enabled)
- Up to 50,000 fingerprints via interface board (IEVO-MB50K)
- Optional built-in RFID card reader
- Optional customisation with RAL colours
- Powerful multi-spectral imaging (MSI) sensor
- Visual and audible feedback

 Certification

 DEEE

RoHS Certification

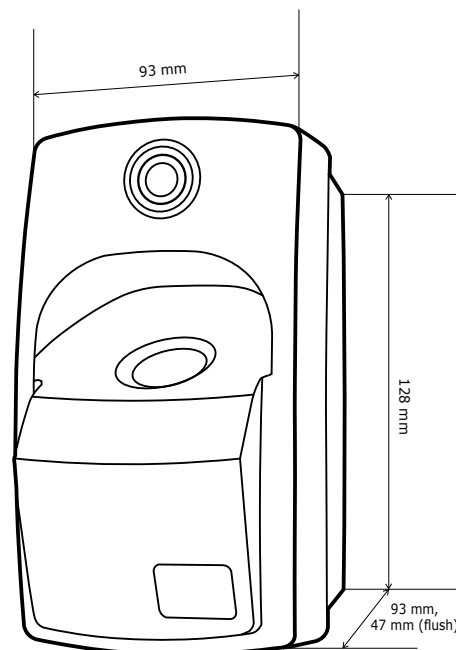
 IP65

 IK10

 -20°C to 70°C

Product Specifications

Material:	Polycarbonate/ ABS mix
Mounting:	Surface or flush
Technology:	Standalone or Wiegand
Security level:	AES128-bit encryption to interface board (when enabled)
User limit:	Up to 50,000 fingerprint templates via interface board (10,000 standard)
Sensor type:	Multi-spectral Imaging (MSI), Capacitive proximity detection
Resolution:	500dpi
Card reader:	HID iCLASS® SE, 13.56MHz MIFARE® Classic, MIFARE® DESFire 0.6/ EV1 (IEVO-U+ only)
Communication:	RS-422 (1Mbit/s)
CPU:	ARM
Cable type:	Cat5e/6 cable, shielded (S-FTP)
Weight:	0.13 kg



Electrical Specifications

Power input:	12Vac/dc
Consumption:	600mA

Accessories



IEVO-ANC-URS/C

External rain shield or cover



IEVO-ANC-UFMK

Flush mounting kit



IEVO-UDR

Desktop enrolment unit

Range References

F0106000028	IEVO-U	ievo ultimate™ fingerprint reader
F0106000029	IEVO-U+	ievo ultimate™ fingerprint reader with HID card reader