

Datasheet

IEVO-U - Ultimate™ Fingerprint Reader

Product Description

The ultimate™ is a CPNI-certified (no data is stored on the reader head) 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. Here the board performs 1:N matching for up to 50,000 fingerprints (10,000 standard).



Key Features

- Fully integrates with ATRIUM
- 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
- Powerful multi-spectral imaging (MSI) sensor
- Visual and audible feedback

 Certification

 DEEE

RoHS Certification

 IP65

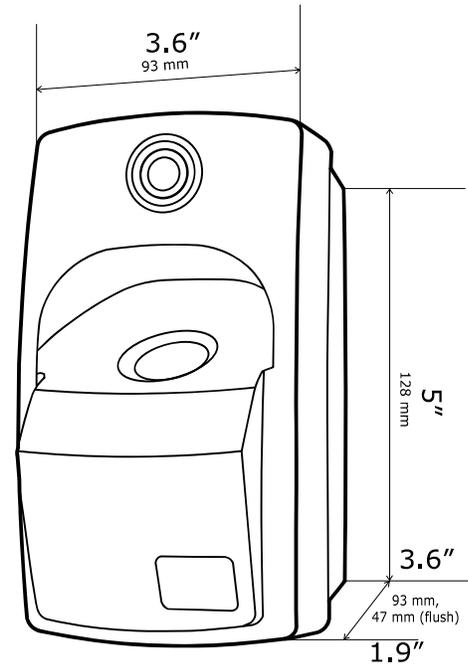
 IK10

 -4°F to 158°F
(-20°C to 70°C)

All the information contained within this document (pictures, drawings, features, dimensions, specifications), could be perceptibly different and can be changed without prior notice. Published: 13 September 2023, CDVI_IEVO_U_DS_EN-FR_03_LETTER_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:	4.6 oz, 0.13 kg



Electrical Specifications

Power input:	12 VAC/DC
Consumption:	600 mA



*The Ultimate™ required the IEVO-MB10K/50K interface module to work.