

ievo Product Reference Guide

ievo ultimate™ fingerprint reader (requires **ievo** control board to operate)



Key attributes:

- External & internal use
- IP65 rated for external use
- Anti-tamper & vandal resistant
- Climate controlled heater system
- Multi Spectral Imaging sensor
- No data stored on reader units for increased security
- Surface or flush mount options
- Certificates - CE, FCC, CPNI

Technical Specifications:

Connection: Shielded (S-FTP) Cat5e/6 cable
Voltage: 12V
Current Draw: 600mA
Communication: RS-422 (1Mbit/s)
Controller: **ievo** Control Board
Operating Temperature: -20~70°C
IP Rating: IP65
Dimensions:
Surface Mount: W:93mm H:128mm D:27mm
Flush Mount: W:119mm H:153mm
D/Recessed:47mm D/Visible:45.5mm

ievo micro™ fingerprint reader (requires **ievo** control board to operate)



Key attributes:

- Internal use only
- Advanced optical sensor
- Surface or flush mount options
- Compact design
- Cost effective solution
- No data stored on reader units for increased security
- DDA compliant
- Certificates - CE, FCC

Technical Specifications:

Connection: Shielded (S-FTP) Cat5e/6 cable
Voltage: 12V
Current Draw: 400mA
Communication: RS-422 (1Mbit/s)
Controller: **ievo** Control Board
Operating Temperature: 0~60°C
Dimensions:
Surface Mount: W:55mm H:155mm D:70mm
Flush Mount: W:80mm H:230mm
D/Recessed:33mm D/Visible: 33mm

ievo Control Board - each **ievo** control board can operate up to two separate **ievo** fingerprint readers



Key attributes:

- Powerful, dedicated fingerprint matching system for up to 50,000 templates (10,000 option comes as standard)
- AC/DC or PoE power options
- Network-out link for one connected access control system
- Simple manageable settings
- Simple installation process
- Certificates - CE, FCC

Technical Specifications:

CPU: ARM9 @ 454MHz
Memory: RAM up to 256MB
Flash up to 256MB
Identification Speed From 400ms (depending on database size)
Template Capacity 10,000 or 50,000, 1:1 or 1:N
FRR < 0.01%
FAR < 0.00001%
Log Capacity 200,000 rolling
Comm. with Network TCP/IP (100Mbit/s full duplex)
Comm. with Reader Unit(s) RS-422 (1Mbit/s)
Connection to Reader Unit(s) Shielded (S-FTP) Cat5e/6 cable
Current Draw 400mA - 1.2A (head dependant)
Output Wiegand 26-bit, 34-bit, 44-bit
Power Options Clock and data, TCP + more
Dimensions: AC/DC 12-24V / PoE IEEE 802.at
W:93mm H:128mm D:27mm

ievo ultimate Desktop Reader



Key attributes:

- Internal use only alongside **ievo ultimate** or **micro** readers
- Multi Spectral Imaging sensor
- User friendly & compact design

Technical Specifications:

Sensor type Multispectral Imaging (MSI)
Image Resolution 500 dpi
Cable length 2m
Interfaces USB 2.0
Housing PC/ABS mix
Dimensions H: 66mm W: 69mm D: 99mm

ievo micro Desktop Reader



Key attributes:

- Internal use only alongside **ievo micro** readers
- Durable high performance use
- User friendly & compact design

Technical Specifications:

Sensor type Advanced Optical
Image Resolution 500 dpi
Cable length 2m
Interfaces USB 1.1 or 2.0
Housing PC/ABS mix
Dimensions H: 171mm W: 64mm D: 121mm