

EF Series

Autonomous screening station for fever detection with facial recognition technology

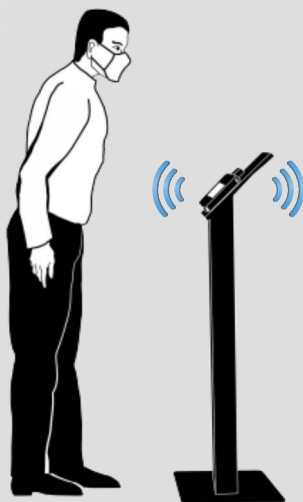
- Fully autonomous system
- High-precision temperature measurement
- Non-contact screening. Prevents infection risks
- Plug and play, no assembly required
- Fast screening (10 people/minute)
- Facial recognition identification
- Mask use recognition and request
- Local or remote audible and visual warning
- Turnstile or door access control
- Optional features: Alcohol dispenser, adjustable height mount
- Affordable high-technology system



Interfaces
Wiegand & relay



Audible and visual warning



Description

Preventing the access of feverish people to companies, educational institutions, buildings, etc. mitigates the propagation of Covid-19 and other contagious diseases and provides, at the same time, additional security for the general public.

The EF Series terminals allow the body temperature control process to be automated through its reliable, fast, and noncontact facial recognition system and by controlling the already existing turnstiles making it more efficient than digital recognition systems and safer than proximity cards.

The combination of its advanced features enables a seamless access control allowing ingress of only authorized, feverless and mask wearing people. The detection, recognition and face matching processes are built-in and do not require an external server, Internet connectivity or third party services.

The EF Series terminals have Wiegand interface and operate with the vast majority of access control systems and electronic locks available on the market, without the need for additional customization.

Powerful artificial intelligence algorithm

- Distinguishes human faces from pictures
- Face mask detection

Recommended to

Any establishment with an organized flow of people

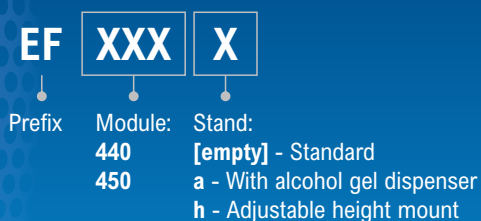
- Hospitals
- Emergency rooms
- Airports
- Bank Branches
- Stores
- Educational institutions
- Public and private companies
- Hotels
- Doctors' Offices

Technical specifications

EF Series

	EF440	EF450
Temperature measurement		
Body temperature measurement	Yes	
Maximum temperature measurement error	0.5 °C	0.3 °C
Access control		
Access control by facial recognition identification	Yes, up to 3,000 registered faces	Yes, up to 10,000 registered faces
Lack of mask detection	Yes (partial)	Yes
Flow of people	10 people/minute	
Proximity card identification	No	Contact us
Automatic control of turnstiles and doors	Yes	
Voice messages	Yes, in English, Spanish and Portuguese	
Alarm		
Pass/Fail light indication	Yes	
Audible indication	Yes	
Screen		
Screen size	5"	7"
Resolution	854 x 480 px	1280 x 800 px
Stand		
With alcohol dispenser	Yes, EF440a model	Yes, EF450a model
Adjustable height mount (suitable for schools)	Yes, EF440h model	Yes, EF450h model
Communication		
RJ45	Yes	
RS232	Yes	No
RS485	Yes	
Wiegand	Yes	
Relay	Yes	
Software		
Historical and statistical record software	No	Yes

Model code



EF Series demo videos



<https://www.megabras.com/en/video/EF-Series>

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