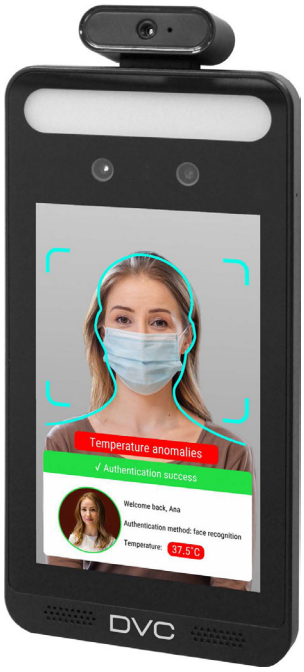
Terminal for body temperature measurement

AURA-24F

www.jantar.si

The **AURA-24F terminal** is a reliable and simple tool for **measuring body temperature** and **detecting the use of protective face mask**.

The **AURA-24F terminal** can be used as a completely stand-alone temperature measuring device, but can also be connected to Jantar hardware devices or integrated into Codeks access control or time attendance systems.



ADVANTAGES

- Safe and contact-free
- Highly efficient, with up to **20-30 persons per minute**
- Precise and fast IR sensor temperature measurement, **in under 0.5 seconds**
- Detection of face mask usage and temperature measurement,
- **precision of 99,7%**
- Voice alarm and menu in the local language
- Touch screen with access to system settings
- Stand alone device with the possibility of networking with other devices (access control, time attendance, etc.)

Body temperature measurement

With a built-in non-contact IR sensor, the device enables fast measurement of your employees' body temperature (the accuracy of the measured temperature is +/- 0.3ºC). If the employee has a fever, the AURA-F24 terminal will trigger an alarm and send an e-mail notification to the person in charge.

Face mask usage detection

Wearing a face mask is crucial to prevent the spread of infections and many companies will not allow people without a protective face mask to enter their premises. The AURA terminal's software recognizes users who are not wearing a mask and advises them, that must put-on a mask if they want to enter.

ATTENTION

The AURA-24F terminal is only suitable for indoor installation.
The AURA-24F terminal is not suitable for outdoor installation where moisture and sunlight could affect the measured values and the operation of the device.
The AURA-24F terminal must be installed indoors in a room without drafts and with a constant temperature from 16 to 35 °C and with ensured sufficient even lighting.

ATTENTION

The AURA-24F terminal is supported only in the new version of the Codeks software (Codeks 10.2010.0).

METHODS OF USE

1. method Standalone AURA-24F terminal

The AURA-24F terminal can be used as a stand-alone device for measuring the body temperature of employees and for detecting the use of a face masks.

In the event that an employee who has just measured on the device has a fever or is not wearing a face mask, the device will trigger an alarm and send an e-mail notification to the person in charge.

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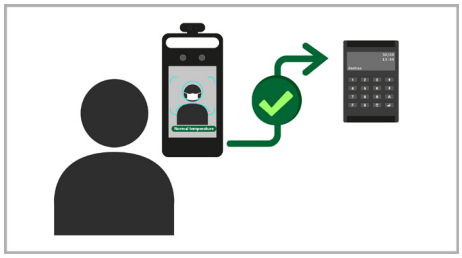
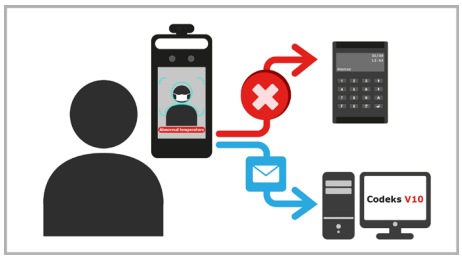
2. method The AURA-24F terminal and the Codeks system for access control

You can connect the AURA-24F terminal to the Codeks access control software. In this case, the AURA-24F terminal is connected to a Jantar access controller that has a blocked reader at this location.

The user who wants to register on the reader must first measure on the AURA-24F terminal. In case their body temperature is normal and they are wearing a mask, the reader is unblocked and the employee can open the door at the location by registering on the reader.



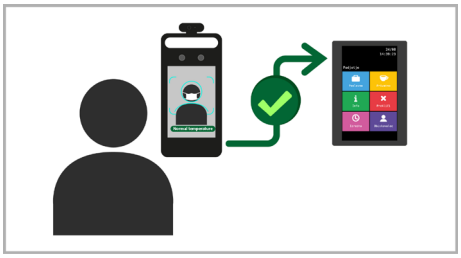
If an employee who has just measured on the device has a fever or is not wearing a face mask, the device will trigger an alarm and send an e-mail notification to the person in charge. In the Codeks application, the name of the employee, who attempted to register at the blocked reader, will be recorded along with the reason for the denied access.



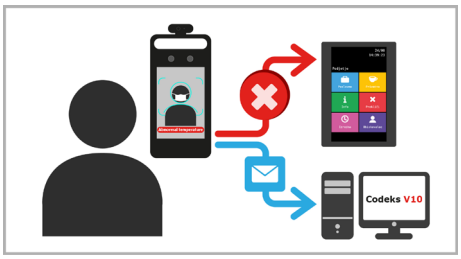
3. method The AURA-24F terminal and the Codeks system for time & attendance

You can connect the AURA-24F terminal to the Codeks time & attendance software. In this case, the AURA-24F terminal is connected to a Jantar T&A controller that has a blocked reader at this location.

The user who wants to register on the reader must first measure on the AURA-24F terminal. In case their body temperature is normal and they are wearing a mask, the reader is unblocked and the employee can register a T&A event on the reader.



If an employee who has just measured on the device has a fever or is not wearing a face mask, the device will trigger an alarm and send an e-mail notification to the person in charge. In the Codeks application, the name of the employee, who attempted to register at the blocked reader, will be recorded along with the reason for the denied access.



TECHNICAL SPECIFICATIONS

SYSTEM	
Operating system	Linux
Memory	8Gb DDR3 +16GB EMMC
SCREEN	
Screen	8 inch LCD; resolution: 1280x800; contrast: 500:1
Lighting	500 lux
Control interface	I2C
TEMPERATURE MEASUREMENT	
Temperature range	32~43°C
Measurement accuracy	± 0.3°C
Measurement distance	25 ~ 50 cm
MASK USAGE DETECTION	
Sensor	1/2.8
Lens	2 Mpx double lens, f=3.97mm @ F1.6
WDR	120 db
Height range for face recognition	1.2m - 2.2m (We recommend that you install the device so that the lower edge of the device is at a height of 1.45 m from the ground)
Face recognition distance	0.3m - 2m
Recognition method	Face : 1 : N
Recognition speed	≤ 0.5 s per person
ADDITIONAL LIGHTING	

Type	Soft white light, IR light
White light range	1 - 3m
INTERFACE	
Communication	10/100Mbps adaptive Ethernet port x1
Alarm Input	2 CH
Alarm Output	2 CH
Wiegand interface	Wiegand input/output (26/34)
RS485	RS485x1 (half duplex)
Lock output	Relay output, NO/NC (optional), opening delay supported
SD card	1 micro SD card slot, up to 128Gb
USB input	USB x1
Keys	1x Anti-tamper, 1x Exit, 1x Reset
OTHER	
Charging	12V @1A
Energy usage	<12W
Weight	approx. 1.2KG
Installation	wall mounted, table, stand
Protection	Surge protection, protection against unstable voltage
Operating environment	16°C~35°C , relative humidity <95% (no condensation)
Dimensions (W × H × D) mm	301.8×138.6×34.2

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