

Scanplus+

Intelligent Temperature Face Identification

Intelligent Temperature Face Identification automatically record attendance or visitors reading discourage body contact solution like fingerprint, RFID and change to facial recognition which is totally contactless. It is equipped with a infrared thermometer for non contact temperature measurements from Melexis, a Belgian expertise company in thermal temperature sensing solution.

With the i-TFI technology, it will enhance the current environment to combat the Covid-19 and follow MOH SOP.



- Integration of face captured, comparison and infrared temperature measurement function
- Support the output of real-time video stream to other device, one complete face capture, recognition, infrared temperature detection function
- Abnormal temperature alarm : non-contact forehead temperature detection within one second, detection distance 25-40cm, temperature error range $\pm 0.5^{\circ}\text{C}$, abnormal temperature linkage acousto-optic alarm
- Industrial grade design, pitch angle, adjustable left and right rotation
- Support living face detection, effective prevention of photos and video spoofing
- Face database can reach 10,000pcs, flexible face template import, support single, , import real time captured and batch image file
- Support faces of all type of ordinary people, etc.
- Support recognize result linkage I/O, wiegand port output and voice broadcast Can be widely used in access control channel, wall mounted, table and floor stand

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Screen

Dimensions	7 inch, full-angle IPS LCD screen
Resolution	1280x720

Camera

Type	Dual Camera Design
Sensor	1/2.8" SONY starlight CMOS
Resolution	1080P @ 30fps
Lens	6mm*2

Body temperature measurement

Measuring site	Forehead
Temperature environment	0-30 °C
Temperature measuring distance	30-45cm
Temperature measurement accuracy	± 0.5 °C
Temperature measurement response	≤ 1 s



Face recognition

Detection Type	Support living face detection, effective prevention of print photos, phone photos and video spoofing
Face recognition distance	0.5-2m, support detection target size filter adjustment
Recognize face size	Pupils distance ≥ 60 pixels; Face pixel ≥150 pixels
Face database capacity	Support built-in ≤ 10,000 faces; support ordinary type of faces
Posture	Support side face filter, comparable within 20 degrees in vertical and 30 degrees in horizontal
Occlusion	Ordinary glasses and short fringe retention have no effect on recognition.
Expression	Under normal circumstances, slight expressions do not affect recognition.
Response Speed	≤ 1 s
Face exposure	Yes
Local Storage	Support storage of 100,000 records
Recognition area	Full image recognition, support zone optional setting
Upload Method	FTP, HTTP upload, API function calling upload

Network Functions

Network protocol	IPv4, TCP/IP, NTP, FTP, HTTP
Interface protocol	RTSP
Security Mode	Authorized username and password
Event linkage	FTP upload, alarm output linkage, Wiegand output linkage, voice broadcast
System Upgrade	Support upgrade

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Accessories

Complementary light	IR light, LED white light
Identification Module	Support built in ID and IC card reader module (optional)
Speaker	Support voice broadcast after successful recognition
Network Module	Support built in WIFI or 4G module (optional)

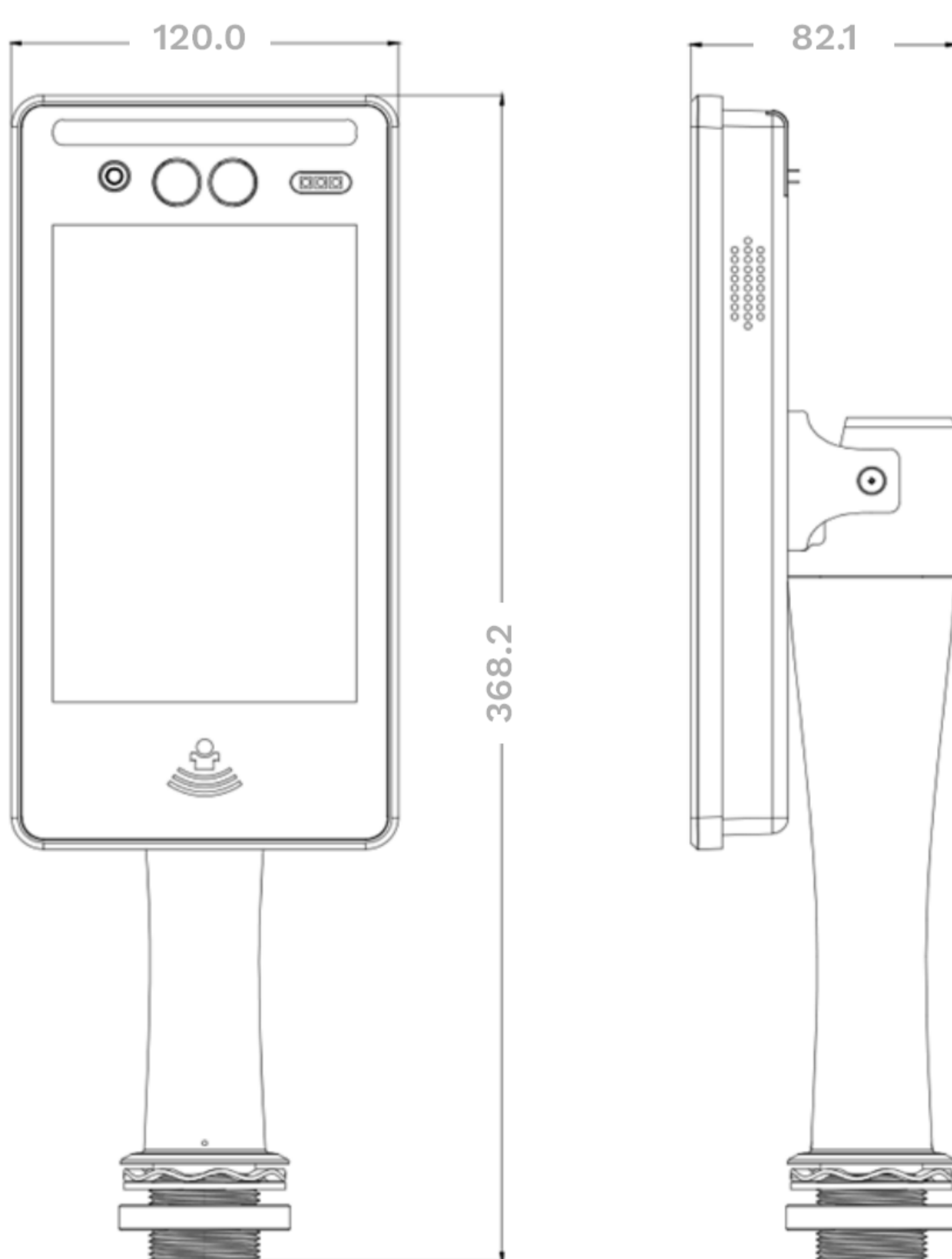
Interface

Network Interface	RJ45 10M/100M Network Adaptation
Alarm Input	2CH
Alarm Output	2CH
RS485 interface	Yes
TF card slot	Max supports up to 128G of local storage
USB	1CH
Wiegand interface	Support Wiegand 26, 34 protocols
Reset key	Yes
Sim Card	Yes

General

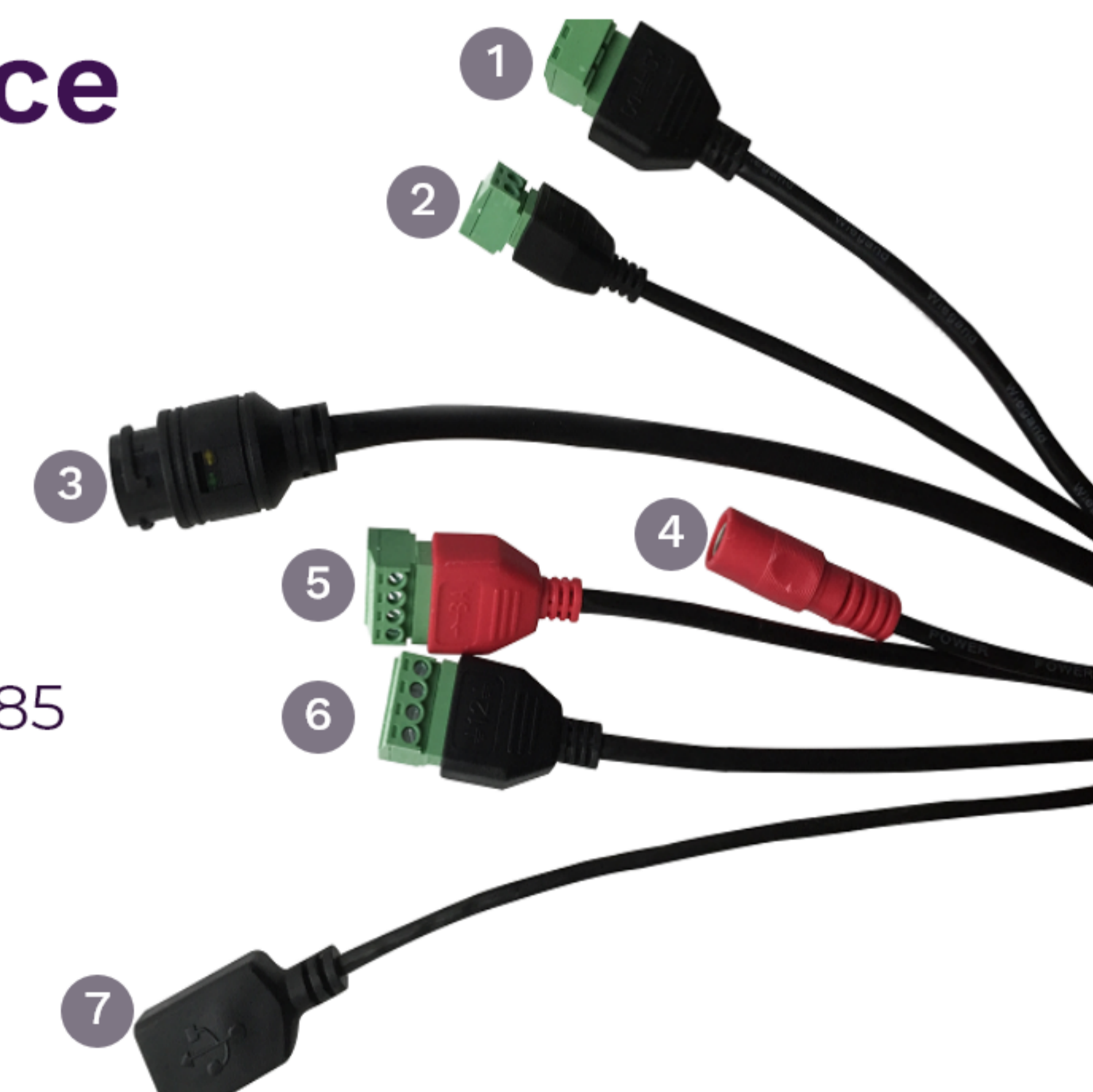
Operating Temperature	-20°C ~ 60°C
Working humidity	0%-90%
Power Supply	DC12V
Power dissipation (maximum)	≤ 13 W
Dimensions (mm)	368mm(H)*120mm(W)
Weight/PCS(g)	1000g

Dimension



Wire Interface

- 1-Wiegand
- 2-Alarm output 2
- 3-RJ45
- 4-DC12V
- 5-Alarm output 1 + RS485
- 6-Alarm in
- 7-USB





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Areas of application

- Schools
- Factories
- Residences
- Office buildings
- Restaurants
- Hospital and Medical centers
- Shopping centers

INTELLIGENT TEMPERATURE FACE IDENTIFICATION

- Embedded Linux OS
- Infrared thermometer for non contact temperature measurement from Melexis.
- Living face detection & recognition
- 10,000 face library, Voice broadcast
- WIFI wireless transmission
- ID / IC card reader optional
- Alarm Output / Wagen Output
- Various type of installation: Turnstile, wall mount, Floor installation
- Various extra features: attendance,
- Multiple checks method
- Non-contact: Up to 40cm
- Information binding: face captured picture + temperature information with real time recording
- Real time HD Image



IPC Management System

Intelligent Functions

Face Data Review

Recognition data search

Attendance division management

Attendance group

No	Picture	Template	Time	Similarity	In/Out	Type	Auth Traffic	ID	Name
171			2020-02-19 10:25:42	75	Normal	authorized		7619462C-44F8-A6D0-E0D6-A997F9K191C	
172			2020-02-19 10:25:49	74	Normal	authorized		7619462C-44F8-A6D0-E0D6-A997F9K191C	
173			2020-02-19 10:25:49	75	Normal	authorized		7619462C-44F8-A6D0-E0D6-A997F9K191C	
174			2020-02-19 10:25:49	80	Normal	authorized		7619462C-44F8-A6D0-E0D6-A997F9K191C	

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Visitor Management System

Temp	Photo	Temp	Access Time	System
36.29°C		*****	18/06/2020 08:25:55	ANYTEKSYS 2
36.20°C		*****	18/06/2020 08:20:56	ANYTEKSYS 2
36.20°C		*****	18/06/2020 08:16:38	ANYTEKSYS 2
36.59°C		*****	18/06/2020 08:16:37	ANYTEKSYS 2
36.20°C		*****	18/06/2020 08:16:31	ANYTEKSYS 2
36.20°C		*****	17/06/2020 18:07:07	ANYTEKSYS 2

For enquiries, please contact: