

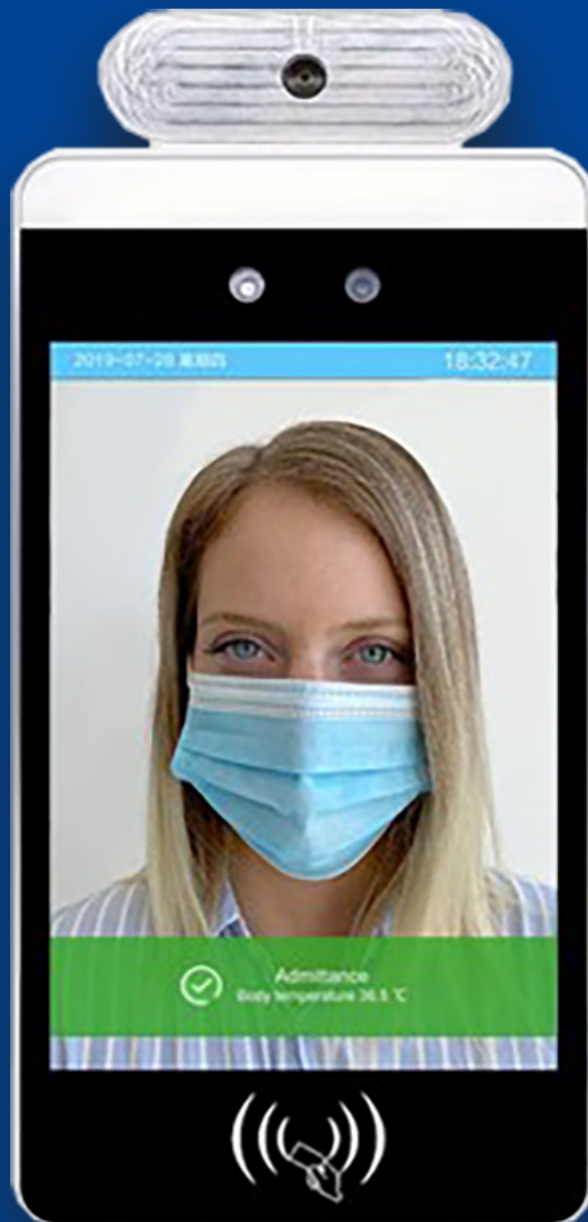


**ELCOM INNOVATIONS**

# THERM©PASS

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2020 Edition



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# EXECUTIVE SUMMARY

Automatic system designed to measure body temperature.

The ThermoPass system is based on advanced deep learning technology, combined with infrared sensors, to generate accurate body temperature measurements and facial recognition.



# SYSTEM INFORMATION

Quick and simple installation

Water and dust resistant, IP65, can be installed outdoors

Temperature resistant from -10° C to °60 degrees Celsius

Supports Ethernet, wireless (WiFi)

Automatic recognition of facial masks

Response time for facial recognition under 1 second

Facial recognition per establishment up to 30,000 faces

Connect to automatic entryway systems

Heat measurement accurate by  $\pm 0.2^{\circ}\text{C}$ -

Prevents clients with abnormal temperatures or lack of facial protective masks from entering establishments



**BODY HEAT MEASUREMENT WITHOUT  
PSYCHICAL CONTACT**



**MASK DETECTION**



**FACIAL RECOGNITION TO ENSURE MASK  
ADHERENCE - WITH OR WITHOUT MASK**



**ATTACHES TO AUTOMATIC  
ENTRYWAY SYSTEMS**

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# THERMOPASS INTERFACE



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# INSTALLATION OPTIONS



WALL MOUNTING

DESK STAND

OUTDOOR STAND



<b>CAMERA</b>	PIXELS	2 Mega
	TYPE	Binocular wide dynamic camera
	FOCUS DISTANCE	50-150cm
	WHITE BALANCE	Auto
<b>DISPLAY</b>	SIZE	8.0 inch
	RESOLUTION	800×1280
<b>PROCESSOR</b>	CPU	Rk3288 four cores/ rk3399 six cores/ msm8953 eight cores
	LOCAL STORAGE	EMMC 8G
<b>ACCESSORY</b>	FILL LIGHT	LED and infrared double fill light
<b>INTERFACE</b>	NETWORK MODULE	Support Ethernet, wireless (WiFi)
	AUDIO	Support 2.5W/4R horn
	USB	1*USB OTG,1*USB HOST Standard A port
	SERIAL	1*RS232
	RELAY OUTPUT	1
	INTERFACE	1*26/34 output,1*26/34 input
	UPGRADE BUTTON	Support Uboot upgrade button
	LAN	1*RJ45
<b>GENERAL PARAMETERS</b>	PROTECTION GRADE	IP65, outdoor dustproof and waterproof functions
	POWER	DC12V(±10%)
	WORKING TEMP	-10oC~60oC
	STORAGE TEMP	-20oC~60oC
	CONSUMPTION	13.5W(Max)
	MOUNTING TYPE	Gate support installation
	DIMENSIONS	238.24*128*25(mm)
	WEIGHT	1.45kg



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