



Impact Series

AI Face Recognition Temperature Screening Terminal

MODEL:GTAW-IF7003-T

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# Applications

Educational Institutes, Hospital, Offices

Shops, Malls and other market places

Airport, Railway stations etc.



## AI Face Recognition Temperature Screening Terminal

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### Technical Specifications

System	
Main Processor	MX3520
RAM	512MB DDR3
ROM	8GB EMMC
Operating System	Embedded Linux

Screen	
Dimension	7 inch IPS HD LCD Screen
Resolution	736 x 1280

Dual Camera	
Sensor	1/2.8" SONY Starvis Back-illuminated CMOS sensor IMX307
Resolution	1920 x 1080 30fps
Lens	2.4mm & 4.5mm

Body Temperature Detection	
Measuring Location	Forehead
Temperature range	96.8~107.6 °F
Temperature measuring distance	0.5-1m, 0.75m is ideal
Temperature measurement accuracy	± 0.3 °F
Temperature measurement response	Face library people: 1.5-2s, Strangers: 2.5-3s

Face Recognition	
Detection Type	Support living detection, Mask detection
Face recognition distance	0.5-2.2m
Face database capacity	Max support 30,000 faces
Face Posture	(Daytime) vertical viewing 58°-60°, horizontal viewing 35°; (Living body) vertical viewing 48°-50°, horizontal viewing 36°
Occlusion	Ordinary glasses and short sea retention have no effect on recognition
Expression	Under normal circumstances, slight expressions do not affect recognition
Response Speed	About 200ms
Face exposure	Support
Local Storage	Support storage of 25,000 records
Recognition area	Full image recognition
Upload Method	TCP/IP, HTTP, MQTT

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Network Functions	
Network protocol	IPv4, TCP/ IP, HTTP
Security Mode	Authorized username and password
Event linkage	Voice broadcast, Abnormal event upload to the platform
System Upgrade	Support remote upgrade

Interface	
Network Interface	RJ45 10M/100M Network Adaptation
Alarm Output	1 Channel relay output (NC or NO)
RS232 interface	Support
RS485 interface	Support

General	
Installation Method	Desktop Installation/Floor Support Installation
Operating Temperature	-20 °C ~ 60 °C
Working humidity	10% -90% Non-condensing
Storage Temperature	-40 °C ~ 70 °C
Storage humidity	5% - 95% Non-condensing
Ingress Protection	IP66
Power Supply	DC12V
Power dissipation (maximum)	≤ 12 W
Dimensions (mm)	219 (W) x 111 (H) x 21.5 (T)
Housing	Metal body and bracket

Accessories	
Supplementary light	IR light, LED white light
Audio out	Built in Speaker support voice broadcast after successful recognition



\*Due to continuous product development, the specifications may change without prior notice.  
 \*\*Product image(s) are for illustrative purposes only and may differ from the actual product.



Corporate Office:  
 A-66, Sector-4, Noida, District Gautam Buddha Nagar, U.P., India - 201301  
 ☎ 0120-4051700/800 ☎ 0120-4051827 ✉ info@globusinfocom.com  
 📱 For Sales: 0 85888 39434 🌐 www.globusinfocom.com