GLORYSTAR
TABLETS FOR ENTERPRISE
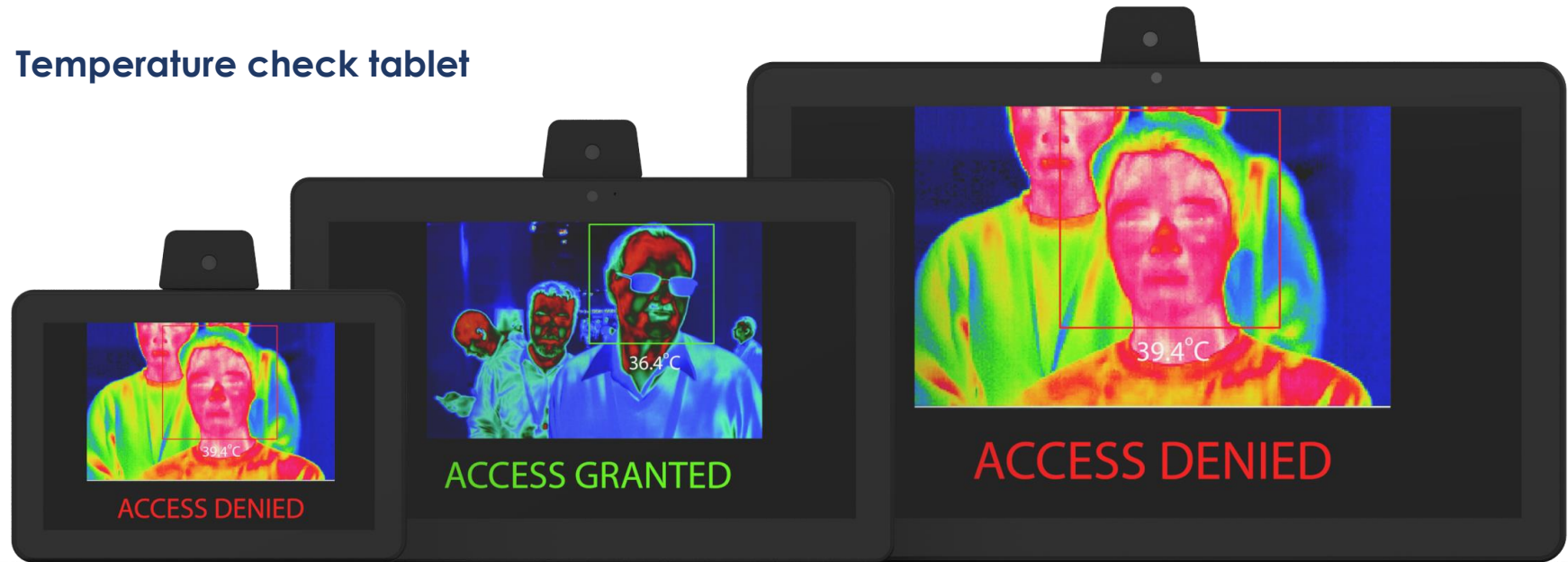
TAURI

Temperature check tablet

GAD101-A   NEB156   NEB215

Temperature Check   **Efficiency**   **High accuracy**

Product overview

To ensure people that access your property are not running a high temperature, Glory Star has developed the new Infrared temperature sensor/detector. It provides alerts when a person runs a high temperature, therefore should not enter your premises.

The system is calculated with an algorithm for object heat- and fast detection temperature-accuracy, tolerance at +- 0.5 degree Celsius, with a refresh rate at 64Hz.
The drivers are compatible with Linux, Windows and Android.

First Layer of screening people 's temperature to premises

More Hygienic as the sensor is not touching a person's face/ears

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Multiple devices could be monitored by one person to increase

efficiency

TAURI Temperature check tablet

		GAD101-A	NEB156	NEB215
Screen size		10"	15.6"	21.5"
Panel info.	Resolution	1280 x 800	1920 x 1080	
	Brightness	350 cd/m2	250 cd/m²	
	Contrast ratio	800:1	1000:1	
	Aspect Ratio	16:10	16:9	
	Active Display Area	134.8 x 216.2mm	344.16 x 193.59 mm	476.06 x 267.786 mm
	Viewing angle	H:170°/ V:170°	H:178°/ V:178°	
	Touch Tech.	5 point cap touch (6H semi-tempered glass)	10 point cap touch (reflective glass)	
Hardware &OS	CPU	RK3288 Cortex A17, Quad core 1.8GHz	RK3399 Hexacore – Dual core Cortex-A72 up to 1.8GHz, Quad core Cortex-A53 up to1.4GHz — / — RK3288 ARM A17, Quad core 1.8 GHz	RK3399 Hexacore – Dual core Cortex-A72 up to 1.8GHz, Quad core Cortex-A53 up to 1.4GHz
	RAM	2GB DDR3	2GB DDR3 (up to 4GB DDR3) — / — 2GB DDR3	2GB DDR3 (up to 4GB DDR3)
	ROM	8GB eMMC Flash	8GB (up to 16GB) eMMC Flash — / — 8GB eMMC Flash	8GB (up to 16GB) eMMC Flash
	OS	Android 7.1		
Video/ Image	Video format	H.265, VP8, RV, WMV, AVS, H.263. MPEG4, HTML5, Flash 10	H.265, VP8, RV, WMV, AVS, H.263, MPEG4, Up to 4K x 2K decoding, HTML5, Flash 10	
	Audio format	MP3/ WMA/ AAC etc.		
	Image format	JPEG, BMP, PNG		
Audio	Speaker	1W x 2	2W x 2	
Communication	Bluetooth	EDR 4.0		
	Wi-Fi	802.11 b/g/n 2.4GHz and 5GHz		
	Ethernet	10/100 LAN		
General information	Color	Black		
	I/O	RJ45 x 1; USB x 1; SD slot x 1; Micro-USB x 1; 3.5mm audio x 1; Recover x 1. expandable 2 USB	RJ45 x 1; USB x 2; SD slot x 1; Micro-USB x 1; 3.5mm audio x 1; Recover x 1; GPIO Support	RJ45 x 1; USB x 4; SD slot x 1; Micro-USB x 1; 3.5mm audio x 1; Recover x 1; RS232 x 2; GPIO Support
	AV capability	/	Front Facing Camera 2 MP fixed focus (Optional)	
	Included in Box	Tablet, Power Adaptor, Power cable		
	Sensors	G-sensor		
	Consumption	11W	15W	32W
	Power input	12V 2A	12V 5A	
	Operating Environment	Operating: 32°F to 104°F (0°C to 40°C); Storage: -4°F to 122°F (-20°C to 50°C) Operating: 20%-80%; Storage: 10%-95%		
	Certification	CE, FCC, ROHS		
	Language	Multi language		
	VESA	VESA 75	VESA 100	
Infrared temperature Sensor	Power input	3.3 – 3.6V, 50mA, USB connect		
	Size	65.2mm x 38.5mm x 22mm		
	Temperature check distance	0.3m – 1m		
	Temperature check range	30°C - -45°C		
	Temperature check error	±0.5°C@1Hz		
Dimension	Size (W x D x H)	267 x 34 x 165 mm	383.8 x 223.2 x 30.1 mm	
Dimension	Product Weight	700 g	1.4Kg	534.5 x 326 x 47.6326 mm
	Gift Box Size	385 x 65 x 222 mm	444 x 348 x 112 mm	3.8Kg
	Master Carton size	470 x 400 x 355 mm	462x 375 x 356 mm	582 x 422 x 114 mm
	Master Carton Weight	13.7Kg	7.5Kg	601 x 446 x 360 mm
	Units per Master Carton	10pcs	3pcs	16.7Kg

*see dimensional drawings for details

Q&A

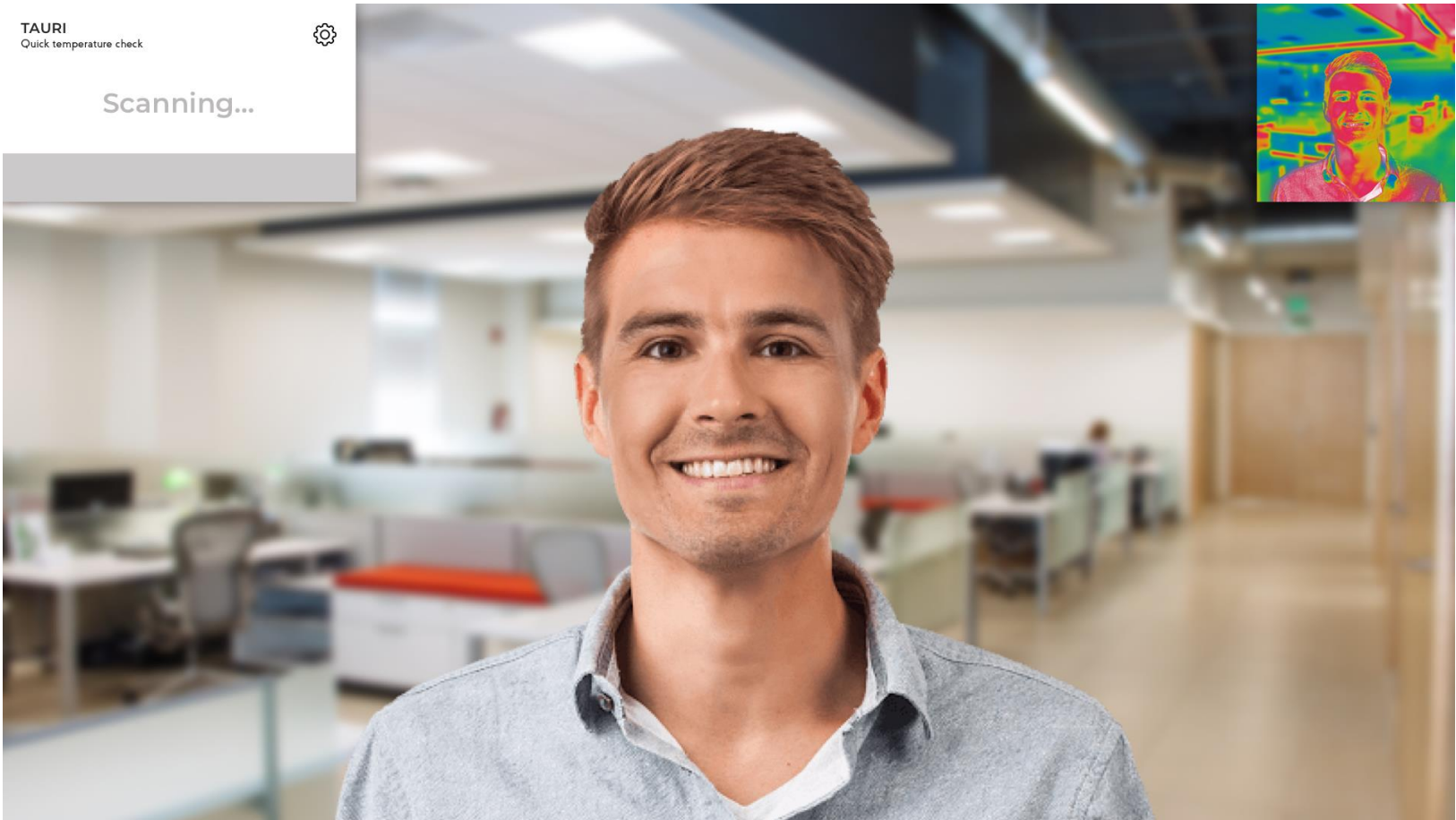| |
|---|
| Q: How accurate is the Infrared Sensor?
 A: +_ 0.5 degree Celsius |
| Q: What is the distance?
 A: 0.5 to 1 meter |
| Q: What is the speed?
 A: 1 second |
| Q: How many people can it detect one time?
 A: 1 person at a time. |
| Q: If there are groups of people trying to enter, will it slow-down the line of people entering?
 A: Yes, it would, people would still need to enter one by one. |
| Q: Do we need an app/software with this?
 A: We have a ready app that detects temperature and locks down through STAROS. |
| Q: Is there an option to store the data of people checked? If yes, how far back?
 A: Could develop this later, but it involves building a database and cloud management system, however there are privacy issues to be considered. |
| Q: Is the unit able to detect people of different heights (e.g. children, adults 3' to 6.5')?
 A: There's a visible sensor and a camera that will show your face through the LCD screen. From there you can see your head and also temperature. |
| Q: Is there a specified height the product should be placed?
 A: There is a camera in the tablet; as long as you can see your face in the screen, it will show. |
| Q: How about people with head scarf?   What point of the head is measured.
 A: Need to place head within 0.5 meter from the sensor for accurate reading |
| Q: Are there any data/tests available regarding the accuracy of this unit?
 A: The accuracy is at 0.5 degree Celsius which is provided by our component manufacturer located in Germany. For the past few months this module has been implemented with projects for access control. |
| Q: How many people per hour can pass through?
 A: Takes 1-2 second / person |
| Q: Is there a chance it will overheat?
 A: It can get heated up upon long term use, but we have heat dissipation design to withstand this. |
| Q: How's the unit attached to the tablet?
 A: VESA 100 x 100 or 75 x 75 |
| Q: Can the sensor be affixed to a door, away from the tablet that collects data?
 A: Needs to be connected to the tablet via USB |
| Q: Is the connection from the sensor to the tablet USB?
 A: Correct, it's a USB sensor module that connects to the tablet |
| Q: Is there a user interface that will be running on the device or is this just a hardware only solution?
 A: For Windows - we provide the tablet and the infrared temperature sensor with a driver- no user interface is developed.   For Android - we provide the tablet with the infrared temperature sensor with an app and a user interface. |
| Q: How does the alert message work, is there display and sound too?
 A: On the display screen, it would show the person's face, the person's current temperature, and when it runs a temperature higher than what you have set as normal, the tablet would have an alert sound made. |
| Q: The system can detect just people, not object and animal, right?
 A: Yes, the system can only detect people. |
| Q: What is the degree that it would stop access? Or detect as alert?
 A: You are able to customize settings to set temperature threshold. |

TAURI
Quick temperature check

Scanning...

TAURI
Quick temperature check

✓ **36.5 °C**

Passed