

TAURI™

Temperature check tablet



Patent pending
39240619



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 +/- 0.3 degree Celsius, with a refresh rate at 64Hz.

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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TAURI™ Temperature check tablet

*see dimensional drawings for details

		GAD101-A Part#TAURI	NEB156 Part#TAURI	NEB215 Part#TAURI	VOD073 Part#TAURI
Screen size		10"	15.6"	21.5"	7"
Panel info.	Resolution	1280 x 800	1920 x 1080		800 x 1280
	Brightness	350 cd/m ²	250 cd/m ²	200 cd/m ²	400 cd/m ²
	Contrast ratio	800:1	1000:1		800:1
	Aspect Ratio	16:10	16:9		16:10
	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°		H:88°/ V:88°
Touch Tech.		5 point cap touch (6H semi-tempered glass)	10 point cap touch (reflective glass)		Anti-glare Capacitive Touch, IP65 Front Glass
Hardware & OS	CPU	RK3288 Cortex A17, Quad core 1.8GHz			PX30 Quad core 1.3GHz
	RAM	2GB DDR3			2GB
	ROM	8GB eMMC Flash			16GB
	OS	Android 7.1.2			Android 9.0
Software	TAURI features	Define temperature range for alert Adjust volume of alert sound OTA Feature Update Heat Map Generation Multi Language support Calibration Customize temperature result message Customize wear mask reminder message High temperature email notifications Face detection Optional facial recognition			
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	H.265, VP8, RV, WMV, AVS, H.263, MPEG4, HTML5, Flash 10
	Audio format	MP3/ WMA/ AAC etc.			
	Image format	JPEG, BMP, PNG			
Audio	Speaker	1W x 2	3W x 2	2W x 2	Waterproof speaker, 2W x 1 Echo cancelling mic
Communication	Bluetooth	EDR 4.2	EDR 4.2	EDR 4.2	EDR 4.1
	RFID	/			EM4100, Mifare s50 S70, Desfire, FM1208 (RFID will be fully enabled soon)
	Wi-Fi	802.11 b/g/n/ac 2.4GHz and 5GHz			
	Ethernet	10/100 LAN			RJ45 10/100PoE
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; HDMI	RJ45 x 1; USB x 2; SD slot x 1; Micro-USB x 1; 3.5mm audio x 1; Recover x 1; GPIO Support; HDMI	RJ45 x 1; USB x 4; SD slot x 1; Micro-USB x 1; 3.5mm audio x 1; HDMI Recover x 1; RS232 x 2; GPIO Support	Relay x 2, RJ45 x 1 with PoE ability, Micro-USB, DC-in
	AV capability	Front Facing Camera 2 MP fixed focus			Dual Camera, 1 RGB, 1 Infrared
	Included in Box	Tablet, Power Adaptor, Power cable			TAURI 7 with Wall Mount
	Sensors	G-sensor			Proximity sensor; Ambient sensor;
	Consumption	11W	15W	32W	8W
	Power input	12V 2A		12V 2.2A	Either 12V DC or POE
	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	VESA 100	VESA 75
Infrared temperature Sensor	Power input	3.3 – 3.6V, 50mA, USB connect			
	Temperature check distance	0.5m – 1m			
	Temperature check range	30°C - 45°C			
	Temperature check error	±0.3°C			
Dimension	Size (W x D x H)	258 x 34 x 218 mm	394 x 44 x 291 mm	535 x 45.5 x 326 mm	305.5 x 130 x 50.5 mm
	Product Weight	1.01kg	2.1kg	4.6kg	1.7kg
	Gift Box Size	393 x 72 x 268 mm	444 x 112 x 378 mm	583 x 114 x 452 mm	386 x 189 x 127 mm
	Master Carton Size	560 x 410 x 390 mm	462 x 356 x 405 mm	601 x 360 x 476 mm	404 x 396 x 405 mm
	Master Carton Weight	16.4kg	9.6kg	18.3kg	14.4kg(without bracket)
	Units per Master Canton	10pcs	3pcs	3pc	6pcs

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Q&A

Q: How accurate is the Infrared Sensor?

A: +/- 0.3 degree Celsius

Q: What is the distance?

A: 0.5 to 1 meter

Q: What is the speed?

A: within 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: This is currently in development with TAURI Cloud

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 0.3 degree Celsius which is provided by our component manufacturer located in Germany.

Q: How many people per hour can pass through?

A: Around 1800 person per hour

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: Is there a user interface that will be running on the device or is this just a hardware only solution?

A: Yes, it is a total solution of hardware, software and 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: What is the degree that it would stop access? Or detect as alert?

A: You are able to customize settings to set temperature threshold.

Q: Does the devices need a special configuration?

A: Right now it's just plug and play, no special configuration required.

Q: Dual Language - Is it possible to have dual-language appear in the app (e.g. French and English or only one language at the time?)

A: On Version 2.02 or above, there are French, Japanese, German additionally available.

Q: Do we have approval from any medical body (e.g. FDA)

A: It's not an approved FDA medical device, undetermined if this classifies as a medical device as it is not making any diagnosis.

Q: Is it FCC and CE compliant?

A: Yes, it is EN 60950-1:2006+ A11:2009+A1:2010+A12:2011+A2:2013. FCC Rule Parts 15C.

Q: Is there a document from to explain that the measurement of the temperature is not affected by a person who just exercised or drank hot beverage (elevate body heat)?

A: No, the sensor detects actual physical temperature. Usually when this happens, you need to do an independent check with that person.

Q: Is TAURI calibrated?

A: TAURI sensor has been calibrated with a thermal black body before shipment. When the sensor activates, it takes 2-3 minutes to auto calibrate to reach thermal stability. If it's already been calibrated before shipment, TAURI will also auto calibrate itself when it boots up.

Q: Is it possible to show on dual screen?

A: Yes, after Sept 2020 orders, you can connect TAURI to a secondary monitor to display the same content as TAURI, however, there are no sound, only image.

Q: During operation does the tablet need to be connected to the WIFI?

A: No it does not, it only needs to be connected to WIFI during the OTA (over the air) update

Q: Is there a sleep mode on TAURI?

A: Right now it is at constant on, however there's a power button at the back that you can press that will black out the screen like cellphone.

Q: Is TAURI DSGVO ?

A: Tauri is DSGVO compliant

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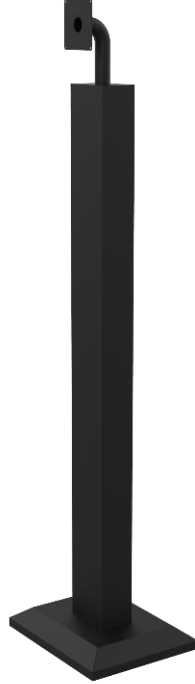
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TAURI Stand and Mounts

	Small size	Medium size	Large size	Wall mount
				
Available device	7, 10 & 15.6 inch	15.6 & 21.5 inch	10, 15.6 & 21.5 inch	10, 15.6 & 21.5 inch
Product weight	1.4kg	1.5kg	3.5kg	0.5kg
Dimension (product weight)	163 x 205 x 235mm	190 x 280 x 380 mm	320 x 260 x 465mm	120 x 150 x 10 mm
Dimension (Gift box)	291 x 216 x 61mm	246 x 225 x 61mm	465 x 290 x 95mm	165x 135 x 26mm

	Floor stand	
Available device	7,10,15.6 & 21.5 inch	
Product weight	9.5kg	
Dimension (product)	1370 x 275 x 335 mm	
Dimension (Gift box)	(The gift box included two set of floor stand) Three boxes in total 1215 x 175 x 135 mm(2pcs) 408 x 340 x 311 mm	

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