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GLORYSTAR
TABLETS FOR ENTERPRISE

Tauri (patents pending) is a partnership between Aurora and GloryStar



TAURI™ TempCheck Tablets

Add an Extra Layer of Protection to Your Facility and Protect Your Most Valuable Assets - the Human Ones!

One-Second Scans From 3' - With +/- 0.5°C Accuracy



Medical



Education



Corporate

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Aurora



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Restaurant



Airport



Retail

Increase safety with a quick temperature check

To ensure that individuals entering a location are not running a high temperature, Aurora introduces the new infrared temperature sensor/detector. It provides alerts when a person is running a high temperature within 1 second.

The system uses an advanced algorithm for detecting and calculating heat signatures. Based on technology developed in Germany, the highly accurate sensor measures with a tolerance of +/- 0.5 degrees Celsius (+/- 0.9 degrees Fahrenheit). Tauri tablets also come with a 2-year warranty.

Why a temperature sensor?

- Provides the first layer of screening protection
- More hygienic with non-touch infrared technology
- Multiple devices can be monitored by a single user
- Camera reversible 180°

Options:

- APS-1 adjustable pole stand with weighted base
- WMT-1 wall mount
- DTM-1/DTM-2 desktop stands
- Future firmware upgrade options
 - Photo & thermal result email alerts
 - Facial recognition
 - Customized flagging
 - ReAX control
 - Integration with third-party control and access systems



TTS panel shown with optional APS-1 pole stand



WMT-1 wall mount



DTM-1 desktop mount



DTM-2 desktop mount



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The Tauri Temperature-Check Tablets are designed to detect temperature anomalies. It's important to understand there are many factors, including environmental and physiological that can impact a person's surface temperature reading. Skin surface temperature vs actual core body temperature may differ either way. The Tauri Temperature-Check Tablets must be operated in accordance with the manufacturer's user guide. Tauri Temperature-Check Tablets are not intended nor designed to diagnose or detect medical conditions including, but not limited to, viruses or other illnesses. The Tauri temperature-check tablets should only be used to detect variations in surface temperature. In the event that an elevated skin temperature is detected, the subject should be advised to check temperature with an approved medical thermometer and the finding confirmed. Absence of an elevated skin temperature does not preclude a fever.

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Included in the Shipping GUI

- Guided setup wizard for the most common and required settings
- Full configuration pages including:
 - o WiFi setup
 - o Ethernet setup
 - o Date and time setup
 - o Temperature and detection settings
 - Unit (F or C)
 - Max temp
 - Audio alert
 - Require face mask
 - Show face outline
 - Calibration
 - Show digital signage & timeout
 - o Misc settings
 - Password
 - Default kiosk view (user or admin)
 - Manual kiosk controls, reboot controls
 - LCD brightness
 - Volume
- User view – the default view that the end user would see on the screen, limited info for privacy concerns
 - o Camera video feed w/configurable outline to aid with positioning
 - o Color changing status bars at top and bottom for pass/fail messages (messages will be user-definable in a future build)
 - o Face outline to indicate face detection (gray for no face, green for face)
 - o Hand outlines to aid in positioning for gesture detection*
 - o Dynamic thermometer to indicate temperature (green for pass, red for fail)
 - o Mask outline if mask detection enabled (green for mask detected, yellow for no mask)
 - o On screen instructions (will be user-definable in a future build)
 - o Buttons to navigate to system info and config pages (password protected)
- Admin view – same as user view but more optimized for an operator, additional features below
 - o Thermal video feed
 - o Text indicators for face, temperature, mask, and gesture* detection
- Digital signage
 - o A sample digital signage page to serve as a template for customization
 - o After X seconds (configurable) of no face detection, the GUI will switch to an alternate view showing digital signage
 - o When a face is detected, the GUI switches back to the default interface
 - o Future update allows for a custom URL



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Additional Capabilities

- *Gesture recognition (*fully working but currently disabled – it should be back in the next build)
 - Requires customization, user can answer questions by raising their right or left hands, or both
- QR code scanning
 - Requires customization, allows the user to scan a QR code
- Digital signage
 - Customizable, allow user to make one or many digital signage frames
- Anything else that ReAX is capable of (except for email, that should be ready soon)
- API for making custom applications





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Full Specifications

		TTS-10	TTS-15	TTS-21	
Screen Size		10"	15.6"	21.5"	
Panel Information	Resolution	1280 x 800	1920 X 1080		
	Brightness	350 cd/m ²	250 cd/m ²		
	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			
	RAM	2GB DDR3			
	ROM	8GB 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 4K2K 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			
	WiFi	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 4; 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			
	Included in Box	Tablet, Power Adapter, Power cable			
	Sensors	G-sensor			
	Consumption	11W	15W	32W	
	Power Input	12V 2A or PoE (802.3at)		12V 5A	
	Operating Environment	Operating: 32°F to 100°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		
	Warranty	2 Years			
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 to 45°C			
	Temperature check error	+/-0.5°C@1 Hz			
Dimension	Size (WxDxH)	267 x 34 x 165 mm	383.8 x 223.2 x 30.1 mm	534.5 x 326 x 47.6326 mm	
	Product Weight	700g	1.4Kg	3.8Kg	
	Box Size	385 x 65 x 222 mm	444 x 348 x 112 mm	582 x 422 x 114 mm	

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Tauri Q&A

Q: How accurate is the infrared sensor?

A: +/- 0.5 degree Celsius.

Q: What is the scan distance?

A: 0.5 to 1 meter.

Q: What is the temperature detection speed?

A: 1 second.

Q: How many people can it detect one time?

A: 1 person can be scanned at a time.

Q: Is there an option to store the data of people checked? If yes, how far back?

A: Currently no. This will be a future option.

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 on the LCD screen. Within the effective scanning range, the sensor should pick up the face, though in extreme cases the tablet might need to be adjusted.

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: Can the sensor be affixed to a door, away from the tablet that collects data?

A: The sensor must be connected to the tablet at this time.

Q: How does the alert message work? Are there display and sound alerts?

A: On the display screen, it will show the person's face and current temperature. If it senses a temperature higher than what has been set as normal, the tablet will show red and emit an alert sound.

Q: Will the system detect objects and/or animals?

A: The system is designed to only detect people.



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