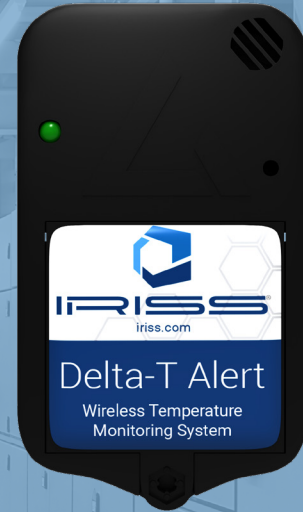


# Delta-T Alert Sensor

A Simple Device with Staggering Results



## Cut The Cord

The Delta T Alert™ Sensor wireless systems constantly monitor every critical electrical enclosure in a facility and complements existing electrical maintenance programs.

## Reduce Your Risks

The system warnings from the Delta T Alert™ allow maintenance technicians to be warned of potential issues causing elevated internal ambient temperatures.

## Keep A 24/7 Watch

The Delta-T Alert™ wireless systems constantly monitor every critical electrical enclosure in a facility and complements existing electrical maintenance programs.

Delta-T Alert™ is a wireless, self-contained temperature-monitoring sensor that attaches to an electrical enclosure cover. The patented, Delta-T Alert™ unit is simple to install and comprises of two temperature sensors – one to monitor the electrical enclosure's interior temperatures and the second to monitor the ambient room temperature where the enclosure is located. The Delta-T Alert™ sensors are then configured to collect data daily, at specific time intervals. The data is wirelessly transmitted for analysis and trending and warns the operator of abnormal temperature rises within their electrical enclosures before more serious problems occur. As a result, Delta-T Alert™ provides an easier, more effective way to prevent costly electrical damage and system downtime.



# Specifications

Part Number	DTSH-US	DTSH-EU	DTSH-AU
<b>General Specifications</b>			
Overall Dimensions	69.9 x 114.3 x 48.3mm (2.75 x 4.5 x 1.9in)		
Weight	With Batteries 172g (0.38lb), Without Bateriaes 104g (0.23lb)		
IP/ NEMA Environment Rating	IP25 / NEMA 1		
Body Material	UL 94 5VA Nylon (switchgear-grade plastic); -40°C (-40°F) to 273°C (523°F)		
Operating Temperature	-40°C (-40°F) to 85°C (185°F)		
Real Time Clock	Yes		
Over The Air Updates	Yes		
Audio Alarm	Yes		
Compliances	FCC, IC	CE	ANZ
Voltage Range	Any		
<b>Sensor Specifications</b>			
Wireless Technology	Z-Wave™ 5th Gen		
RF Range	50 ft Optimum / Up to 300 ft Line of Sight		
Temperature Reading Accuracy	+/- 0.5°C (+/- 32.9°F)		
Humidity Reading Accuracy	+/- 1%		
Frequency	908.40 MHz, 916.00 MHz	868.40 MHz, 869.85 MHz	919.80 MHz, 921.40 MHz
<b>Reporting</b>			
Daily Scheduled Reports	Up to 8		
On Demand Status Report	Yes		
Critical Alarm Reports	Yes		
<b>Inspection Capabilities and Applications</b>			
Temperature; Humidity; Medium/High Voltage Applications			
<b>Power</b>			
Power Supply	3x AA batteries		
Operating Voltage	3x 1.5 V battery		
Battery Life	Variable		
<b>Software</b>			
Applications	Delta T Alert		
<b>System Requirements</b>		Required	Recommended
Operating System	Windows XP		Windows 7 or Higher
Processor Speed	500 MHz		1 GHz
RAM	1 GB		2 GB
Free Hard Disk Space	5 GB		10 GB
Display Resolution	800 x 600		800 x 600 or Higher
<b>Other</b>			
Warranty	12 Month Limited Warranty		

Specifications are subject to change without notice. For the most up-to-date specs, go to [www.iriss.com](http://www.iriss.com)

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ENGINEERED RELIABILITY

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