![IRISS - ENGINEERED RELIABILITY]

E Sentry Connect Tag

Cloud-based Intelligent Asset Monitoring System

E SENTRY CONNECT

Location:

IR Window No:

Transmission Rate:

IRISS
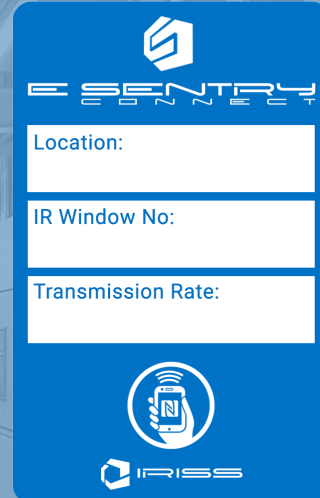
Review & Analyze Temperature Trends

All historical data from the inspections recorded to the E Sentry Connect Tag are uploaded to the cloud and plotted in trend graphs for future reference.

Trigger and Record Alarm Conditions

Alarms triggered by the E Sentry Connect App are immediately transmitted to the system administrators and designated users to ensure appropriate action is taken quickly as possible.

Access The App

Easily record inspection reports and access equipment data through the E Sentry Connect App.

The E Sentry Connect ™ is our next generation intuitive asset information tagging system. The E Sentry Connect system utilizes Near Field Communication (NFC) contactless Smart Card technology that allows smart phone devices with NFC to easily access critical data relating to the equipment being inspected. It also saves up-to-date inspection data directly to the assets E Sentry Connect tag via a free App from IRISS. The E Sentry Connect system has been designed to be operated on 2 platforms: a standalone system or a subscription based cloud system allowing historical data back-up and complete access to the current status of all assets utilizing E Sentry Connect tags. The E Sentry Connect tags allow you to document and access information relating to IR inspection parameters on Electrical distribution assets. It is a stand alone tag that writes and allows you to read the last inspection detail completed.
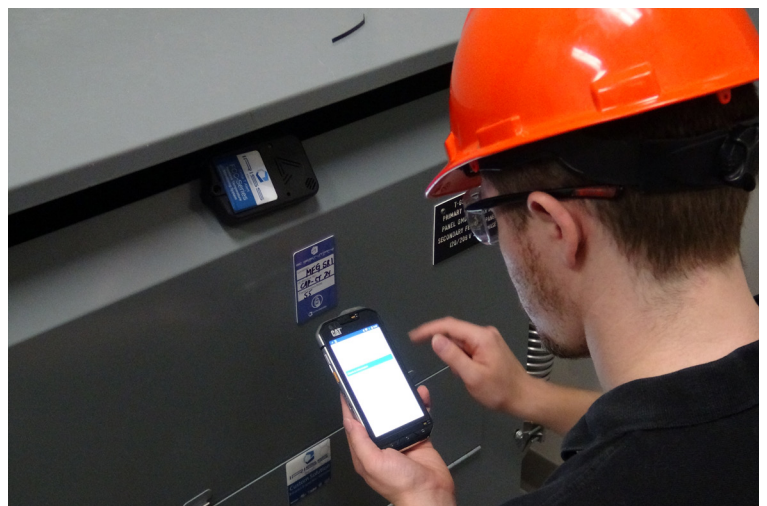
Specifications

Part Number	ESIR
General Specifications	
Overall Dimensions	85.5 x 54mm (3.37 x 2.13in) (CR80)
Thickness	1.32mm (0.05in) (with release liner)
NFC Chip	NXP DESFire EV1 8K
Read Distance	0.5 to 1cm
Operating Frequency	13.56 MHz
Memory Capacity	8 kB
Inspection Details Field Capacity	4000 Characters
Units of Measure	°F, °C, Mm/s, dB, ft-lb, Nm, RH, pC, mV, V
Voice to Text Compatible	Yes
Operating Mode	Passive
Data Retention	10 Years
Write Endurance	500,000 Cycles
Material	PVC
Adhesive	3M 467MP (High-Performance Acrylic)
Release Liner	Polycoated Kraft Paper
Metal Isolation Layer	Ferrite
Environmental Specifications	
Operating Temperature (installed)	-40°C (-40°F) to 70°C (158°F)
Maximum Temperature	204°C (399°F) (exposed for a few hours)
Relative Humidity (installed)	90%
Phone and Web Application	
Phone Application Compatibility	Android
Phone Application Requirements	Android 4.4 and up
Browser Compatibility	Google Chrome and FireFox
Other	
Warranty	12 Month Limited Warranty

Specifications are subject to change without notice. For the most up-to-date specs, go to www.iriss.com