



## APPLICATION NOTE

### S320 THERMAL IMAGING CAMERA

### Indian Railways

**Application requirement:**

In order to ensure the smooth functioning of the Railway electrical infrastructure, it is essential to monitor the temperature of the bus bars in the transmission sections of Railway OHE.

**Solution:**

The Handheld Thermal Imaging Camera Model S320 has proved to be an effective tool for monitoring the temperature of the bus bars in the transmission sections of the Indian Railways OHE

Customer Name: Indian Railways

Service Provider: NA



**Application****requirement:**

In order to ensure the smooth functioning of the Railway electrical infrastructure, it is essential to monitor the temperature of the bus bars in the transmission sections of Railway OHE.

**Solution:**

Various divisions of Indian Railways have been using the Handheld Thermal Imaging Camera Model S320 in its OHE (electrical) department to monitor the temperature of the bus bars in the transmission sections, transformer joints, connecting cables to transformers & HT panels primarily overhead at heights/distance of 12 to 15 meters. The device is easy to set up and use, thanks to its touch screen interface. The manual focus feature allows the user to capture clear images of the object being monitored.

Both thermal & visual images are captured simultaneously with the option to add voice annotations for upto 60 seconds.



The software allows the user to generate reports quickly and easily, which is crucial when monitoring a vast network like the Indian Railways as field operations can capture evaluation in office identifying trouble points by easily studying pixel wise, point wise temperature data.

The Handheld Thermal Imaging Camera Model S320 has several benefits for the Indian Railways with an effective tool for monitoring the temperature from distance up to 15 meters to check any abnormality in the temperature indicating fault in the electrical infrastructure, which can cause disruptions in the rail transport system.



Document ref :

Date : 18 May 2023



Asian Contec Ltd.

Asian Center, B-28, Okhla Industrial Area, Phase-1, New Delhi -110020, India.

Contact Nos. : Tel : +91-11-41860000 (100 Lines), Direct Sales Helpline : +91-11-41406926

Web : [www.stanlay.in](http://www.stanlay.in) [www.stanlay.com](http://www.stanlay.com) email: [sales@stanlay.com](mailto:sales@stanlay.com)

Regional Offices : • Faridabad • Lucknow • Mumbai • Ahmedabad • Bengaluru • Hyderabad • Bhubaneshwar • Guwahati • Vadodara

