

thermal imaging camera firmware, or PC-based software, these features can include:

- High, low, and average temperatures in an image
- Temperature set-point alarms
- Multiple target spots and alarms
- Delays to ignore temporary temperature increases due to forklift trucks in the area
- Temperature trend analysis to reveal problems before a set-point is reached
- Ethernet connections to a central controller
- Connecting multiple cameras to a central monitor
- Alarm messages and images via ethernet, email, or FTP

9. Result

The Fire risk for the Property inside the warehouse is found out to be 4.646. For the occupants the fire risk is 1.214 and the same for activities is 3.523. Thus a preventive measure should be implemented and thermal cameras are the optimum feasible solution for the risk situation existing inside the storage warehouse.

10. Conclusion

After the fire risk estimation study inside the Company storage warehouse, it is clear that a necessary preventive measure has to be implemented for the safe operation inside the space. It is found out that the Thermal imaging cameras will be a suitable solution for the problem inside the study area. The thermal imaging can reduce the fire risk inside the warehouse for a large extent since it detects the heat rise even before the fire begins.

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