

## Thermal imaging sensor TP-L Acceptance Example

# For Detecting Ignition in Refuse Disposal Plant

### ◆Outline

TP-L has been adopted at Refuse Disposal Plant as ignition detector in waste pit.

As this application, there was inquiry that plant operator wants to monitor the ignition in waste pit after getting home (Nobody there).

As you know, sometimes there is a possibility that these pile waste in pit give off heat by ferment etc.

As this operation, TP-L has been installed at top of waste pit about 10m height and monitoring waste ignition.

Alarm temperature was set 35°C and discharge water start by sprinkler.

Another alarm temperature was set 40°C and set off smoke alarm.

Only one TP-L could have monitored whole pit and provide with low-cost.

### ◆Installation



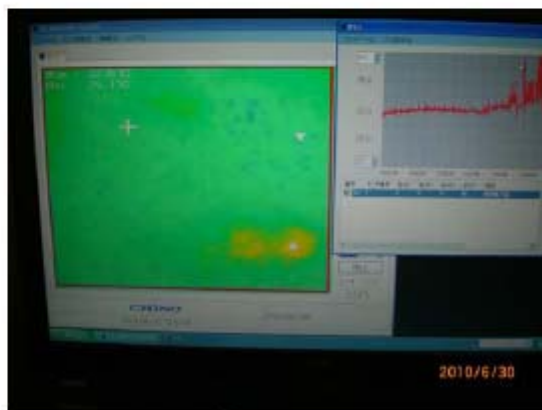
▲ Install at 10m from the bottom of waste pit



▲ Monitoring whole area by one TP-L



▲ Waste pit



▲ Display thermal imaging by application software