



SPECTRAL SPECIFICATIONS

Range: 7-14 microns
Resolution: 6-band sampling
Spectral Resolution: 0.5 micron
(5% @ 10 microns)
Noise Equivalent Spectral Radiance
(NESR): TBD

OPTICAL SPECIFICATIONS

Spatial Resolution: 80x60 pixels
FOV: 26.5 x 20 deg
F#: 0.65 ZnSe Optics

PERFORMANCE SPECIFICATIONS

Frame Rate: 5hz (max)
Battery: Lithium Ion
Battery Life: 8 hr

OTHER SPECIFICATIONS

LCD: 3.5"
Removable Memory: SD Card
WiFi: 802.11g
GPS capable



SMARTIR Camera Makes it possible to:

Find leaks under insulation
Easily monitor "Difficult to Monitor" Components
Easily monitor "Unsafe to Monitor" Components
Detects HRVOC chemicals

Smallest, Lightest Unit on the Market ♦ User Friendly ♦ Credible Evidence of Monitoring!!

Rapid monitoring of components is really possible!

Designed for SMART LDAR

Incredible safety tool for operators & maintenance during startups & normal operating conditions

Spectral Range: 7-14 micrometers

Sensitivity comparable to Method 21

Eliminates steam and water vapor interference

Display component temperature

Identify top three chemical components of gas found leaking

Provide infrared spectral graphing

Colors hydrocarbon leaks for easy identification

Patented wireless communication of data and video to a handheld computer using LEADERS™ software

GPS coordinates associated with video for QA/QC purposes

Completely integrated with LEADERS 5 Fugitive Emissions Software for initial equipment checks, video survey storage and retrieval, and emissions calculations

Some of the many chemicals detected by SMARTIR

- 1,3 Butadiene
- Benzene
- Butane
- Ethylbenzene
- Ethylene
- Ethylene oxide
- Formaldehyde
- Hexane
- Methane
- MTBE
- Propylene
- Propylene oxide
- Styrene
- Toluene
- Trimethylbenzene
- Vinyl Acetate
- Xylene



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