



IR Windows Catalog

For pricing and customized installation contact:
jtminer@ttinfrared.com or (704) 343-0888



Thermal Techniques is an Authorized Supplier for IRISS. Infrared (IR) Windows are used in almost every industry that utilizes or produces energy. Industries such as pulp and paper, pharmaceutical, oil and gas, steel, power-generation, etc., are proving that IR windows SAVE companies money by facilitating more efficient and safer work practices. IR Windows decrease or eliminate unproductive man-hours and cumbersome PPE by reducing direct exposure to energized conductors and high-risk tasks (such as removing panel covers). The result is a streamlined process which diminishes up to 90% of man-hours spent on traditional inspections, while increasing the quality of inspections and safety of personnel.

As manufacturers of the world's first and only industrial-grade IR windows, IRISS products are the culmination of more than 17 years experience using and designing IR windows. IRISS products are the heart of efficient and safe work processes for IR electrical surveys and therefore provide the means with which companies reduce and eliminate risk to plant assets and personnel.

Platinum Series

The Next Generation of Infrared Windows

An evolutionary step in infrared (IR) windows, the **Platinum Series VPT** utilizes our exclusive Poly-View System™ technology to allow the use of any thermography camera to monitor electrical equipment. The world's only clear polymer window provides for visual inspections, traditional IR inspections utilizing camera across the entire IR spectrum and allows for UV inspections to be performed with a corona camera. The **Platinum Series VPT** IR windows are industrial-grade with a patented reinforced grill that exceeds high voltage switchgear viewing pane standards.

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VP Series

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VP series infrared windows offer you the ability to eliminate the risks associated with IR electrical inspection by providing your company with a non-invasive closed panel inspection methodology. Thermographers using IR windows are never exposed to energized conductors or circuit parts and are not engaged in risk increasing behaviors. Therefore, elevated levels of PPE for invasive surveys are not required minimizing survey time while maximizing safety.



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VP Series (continued)

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CAP Series

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- Impact Resistant (to UL and IEEE standards)
- Electrically Isolated
- Materials suitable for Industrial Environment
- Customizable to fit your application
- Supplied with covers if required
- LIFETIME WARRANTY



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With Thermal Techniques behind the installation of the IRISS IR Window you get:

- **SAFETY**
 - Perform IR scans without opening enclosures and eliminating arc flash hazards.
 - Complies with National Fire Protection Agency (NFPA) safety rules
- **SAVE TIME**
 - Decreases the time taken to perform an Infrared Inspection
 - No panel covers to remove/replace
- **SAVE MONEY**
 - NFPA Rule 70E compliant and safe inspections in a fraction of the time. Inspect more often, on your schedule – with instant access.
 - Requires only one person vs. three
 - Eliminates need for cumbersome PPE
 - Guarded condition reduces arc flash triggers

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