HIGH TEMPERATURE CAMERAS FOR INDUSTRIAL APPLICATIONS
## Camerass

<table>
<thead>
<tr>
<th>Camera Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M530™ Lynx Color Camera</td>
<td>Visible Light Color Camera; enables the flexibility to customize electronics, lenses, filters and other options to provide continuous monitoring. Straight, oblique, or right angle lens tube options available. Compatible with M721 Iris Controller. Additional water cooling available.</td>
</tr>
<tr>
<td>M535™ Lynx Viewing Camera System</td>
<td>Visible Light Color Camera; enables the flexibility to customize electronics, lenses, filters and other options to provide continuous monitoring. Straight or oblique lens tube options available. Includes temperature sensors.</td>
</tr>
<tr>
<td>M540™ Lynx Near IR Viewing Camera System</td>
<td>Near IR Black and White Camera with flexibility to customize electronics, lenses, filters and other options. Able to penetrate gaseous and fine particulate interferences. Straight, oblique, or right angle lens tube options available. Additional water cooling available.</td>
</tr>
<tr>
<td>M555™ Spyrometer® Temperature Measurement</td>
<td>Patented combination of color video camera and scanning pyrometer®, monitors process conditions while measuring the temperature of any area in the field of view. Video image and temperature information are displayed on a VGA monitor. Additional water cooling available.</td>
</tr>
<tr>
<td>M560™ IR Camera</td>
<td>Combines mid-wave imaging core technology with an optional calibrated optical pyrometer. Optimizes the clarity of monitoring slag build-up, smeltbed profile, or product distribution and burn efficiency.</td>
</tr>
</tbody>
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## Processors

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<tr>
<td>M215 S™ Spyrometer® Processor</td>
<td>Supports one or two Mirion cameras, giving the ability to view processes from two locations. Application software provides up to 32 overlaid temperature measurement zones per camera, fully adjustable for size and measurement mode.</td>
</tr>
<tr>
<td>M610 S™ Calico 3 Temperature Measurement System</td>
<td>Supports one or two Mirion cameras, providing precise temperature measurement across the screen, eliminating erroneous measurements at the edge of the image. Measures up to 32 'free form' temperature measurement zones.</td>
</tr>
<tr>
<td>M704™ Viewing Pyrometer</td>
<td>Temperature data is multiplexed with the video signal and sent to the M704 unit. It separates them and displays the video on a monitor with a locator square on the screen, colorizing the image and providing contrast expansion.</td>
</tr>
<tr>
<td>M721™ Auto Iris Controller</td>
<td>Allows adjustments to be made to the M530 camera auto-iris from the control room, retaining flame details and burner viewing quality. Connection is made via the same coax cable that is normally run from the camera to the control room.</td>
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## Common Accessories

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<tr>
<td>M356™ Retract</td>
<td>Retracts the camera from the most severe heat, protecting it from serious damage where the plant supply of air pressure, water or electricity has been interrupted. Includes ruggedized safety air reservoir and additional options.</td>
</tr>
<tr>
<td>M408™ Air Filter System</td>
<td>Provides clean air in industrial environments where there is a higher air contaminate content level and where local control and regulation of the air supply to the camera is required.</td>
</tr>
</tbody>
</table>

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Mirion Technologies is a leading provider of innovative products, systems and services related to the measurement, detection and monitoring of radiation.

From the largest military force, nuclear-related and specialized industries, to the small size medical office next door, Mirion has the strength and presence to serve our customers. Our Customer Care Teams are committed to providing outstanding support and delivering excellence in every interaction.
Industrial Imaging | High Temperature Cameras

Concrete, Lime and other Rotary Kilns

Clinker and other Grate Coolers

Chemical Recovery and Fluidized Bed Boilers

Thermal Power and other Auxiliary Boilers

Waste to Energy Plants

Other

CAMERAS

M530™ Lynx Color Camera
Visible Light Color Camera; enables the flexibility to customize electronics, lenses, filters and other options to provide continuous monitoring. Straight or oblique lens tube options available. Compatible with M721 Iris Controllers. Additional water cooling available.

M535™ Lynx Viewing Camera System
Visible Light Color Camera; enables the flexibility to customize electronics, lenses, filters and other options to provide continuous monitoring. Straight or oblique lens tube options available. Includes temperature sensors.

M540™ Lynx Near IR Viewing Camera System
Near IR Black and White Camera with flexibility to customize electronics, lenses, filters and other options. Able to penetrate gaseous and fine particulate interference. Straight, oblique, or right angle lens tube options available. Additional water cooling available.

M545™ Lynx Near IR Temperature Measurement
Combines high speed imaging core technology with an optional calibrated optical pyrometer. Enables the clarity of monitoring changing burn profile or process characteristics and efficiency.

M555™ Spyrometer® Temperature Measurement
Patented combination of color video camera and scanning pyrometer® monitors process conditions while measuring the temperature of any area in the field of view. Video image and temperature information are displayed on a VGA monitor. Additional water cooling available.

M560™ IR Camera
Combines high speed imaging core technology with an optional calibrated optical pyrometer. Enables the clarity of monitoring changing burn profile or process characteristics and efficiency.

PROCESSORS

M215 S™ Spyrometer® Processor
Supports one or two Mirion cameras, giving the ability to view processes from two locations. Application software provides up to 32 overlaid temperature measurement zones per camera, fully adjustable for size and measurement mode.

M610 S™ Calico 3 Temperature Measurement System
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M704™ Viewing Pyrometer
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M721™ Auto Iris Controller
Allows adjustments to be made to the M530 camera auto-iris controller from the control room, retaining flame detail and burner viewing quality. Connection is made via the same coax cable that is normally run from the camera to the control room.

COMMON ACCESSORIES

M356™ Retract
Retracts the camera from the most severe heat, protecting it from serious damage when the plant supply of air pressure, water or electricity has been interrupted. Includes ruggedized safety air reservoir and additional options.

M408™ Air Filter System
Provides clean air in industrial environments where there is a higher air contaminant content level and where local control and regulation of the air supply to the camera is required.

Visit our website to learn more: www.mirion.com/products/high-temperature-cameras