



HIGH TEMPERATURE CAMERA

M215 S™

*Spyrometer® 4 Dual Imaging
IR Pyrometer Processor*



FEATURES

- Two Spyrometers into one processor
- Continuous, clear real-time video
- Intuitive graphical user interface
- 32 moveable and sizeable temperature measurement zones (TMZ). Programmable for minimum, maximum or average temperature measurement
- 16 channels 4-20 mA output with flexible TMZ assignment and calibration
- Temperature signaling over Ethernet using TCP/IP provides for significantly enhanced plant control system integration
- Short term on-screen trending with flexible TMZ assignment and customizable presentation
- Long term temperature charting, supporting up to two charts and pyrometer internal temperature, with flexible TMZ assignment and customizable presentation
- 10x digital video zoom with pan capability
- Remote control of Spyrometer settings

DESCRIPTION

The M215 S Spyrometer 4 Processor from Mirion supports one or two M550™ Series imaging pyrometers. This gives operators the ability to view process conditions from two plant locations and to perform temperature measurement of virtually any object or region in each field of view. The application software provides for up to 32 overlaid temperature measurement zones per Spyrometer, which are fully adjustable for size and measurement mode through the user interface.

BENEFITS

- Integrated video processing/temperature measurement package
- Dual Spyrometer support in a 2U form factor provides for lower hardware costs and control room space requirements
- Full compatibility with M550 Series Spyrometers
- Embedded Microsoft operating system
- Intuitive graphical user interface

M215 S | SPYROMETER 4 DUAL IMAGING IR PYROMETER PROCESSOR

SPECIFICATIONS AND PERFORMANCE

Power	100 - 240 V ac; 50/60 Hz
Power Consumption	400 W max
Dimensions	88.9 x 482.6 x 450.9 mm (H x W x D) (excludes mounting lugs/handles)
Installation Clearances	76 mm (3.0 in.) at rear
Operating Temperature	0 - 50 °C (32 - 122 °F)
Storage Temperature	0 - 60 °C (32 - 140 °F)
Relative Humidity	0 - 80% non condensing
Video Signal Input	2 x composite video with multiplexed pyrometer data, compatible with M550 Series Spyrometer

Maximum Altitude	2000 m (6561 ft)
Video Output Channels	2 x DVI-D or 2 x VGA (to PC monitor) or any combination. Maximum resolution: DVI-D 2560 x 1600, VGA 1920 x 1200
Analog Outputs	4 - 20 mA; 16 programmable channels
Compatibility	M550 Series Spyrometer
Ancillary Peripherals	1 mouse; 1 standard keyboard
Additional Interfaces	2 network ports; 4 USB ports
Weight	11 kg (24.2 lb)
Hardware	Supplied with 19 in. rack mounts, handles and feet for desktop mount



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