



FEATURES

- 32 'free form' temperature measurement zones which are moveable and sizeable and can be colorized for grouping/clarity
- Independent emissivity setting for each TMZ
- One or two cameras into one processor
- Continuous clear, real-time video
- Dynamic and easy user interface
- Charting and graphing capability
- Colorization and contrast expansion
- 16 channels 4-20mA output
- Multiple temperature trending capabilities
- Snapshot feature can store images on an automatic or manual basis
- 10X pannable video zoom
- Connectivity with plant control system
- Large font support for 'viewing at a distance'

IST-QUADTEK® M610 PROCESSOR Dual Camera Image Processor

The IST-Quadtek® Calico® II system from Mirion introduces new features and capabilities designed to enhance the ability to monitor and control our customers processes. The M610 provides precise temperature measurement across the entire screen, by employing innovative lens vignetting correction which is designed to eliminate erroneous temperature measurements at the edge of the image.

The system's flexibility allows one or two video cameras, each with a patented pyrometer, to be displayed through one M610 processor. The M610 sends the collective output to one or two VGA monitors giving the operators the ability to observe process conditions from two locations while measuring up to 32 'free form' temperature measurement zones including virtually any object or region in each field of view.

BENEFITS

- Optimize lower furnace operation of recovery boiler
- Maintain proper bed profile in recovery boiler
- Reduced hardware costs
- Reduced space and power requirements
- Improved dependability

imaging systems

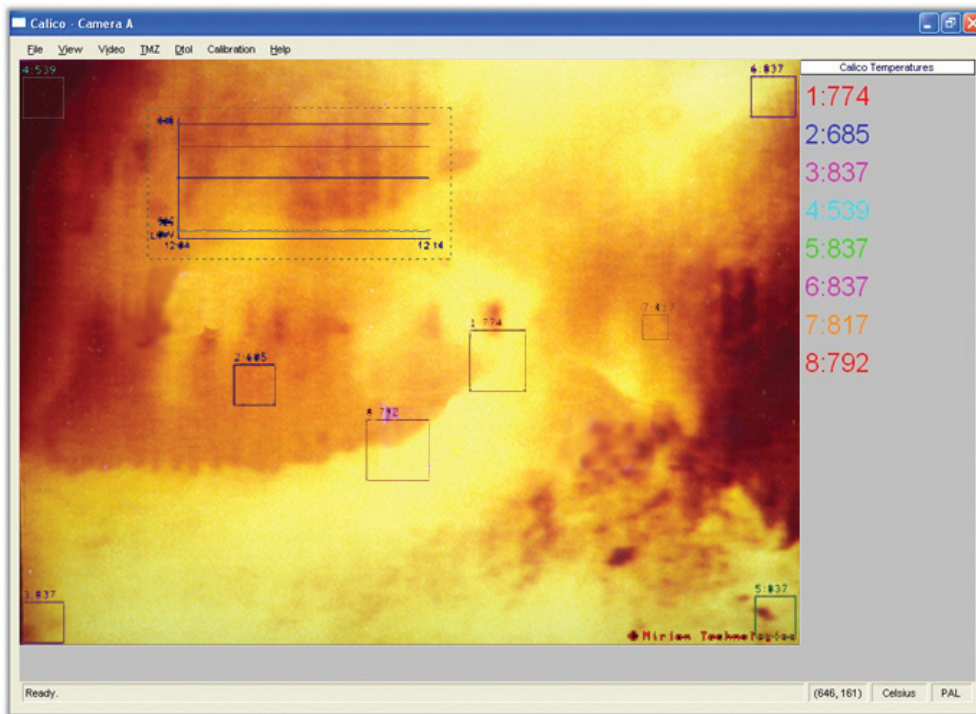
A Mirion Technologies Division

Featuring:



SPECIFICATIONS AND PERFORMANCE

Power	100 ~ 240 Vac; 50/60Hz
Power Consumption	300W max.
Dimensions	176mm (H) x 432mm (W) x 517mm (D) (6.93" x 17" x 20") (Excludes mounting lugs/handles)
Temperature Range	0° ~ 40°C (32° ~ 104°F)
Relative Humidity	80% up to 31°C (88°F) decreasing linearly to 50% at 40°C (122°F)
Video Signal Input	2 x composite video with multiplexed pyrometer data, compatible with Quadtek M300 Series camera
Video Outputs	DVI with VGA adapters supplied
Analog Outputs	4 ~ 20mA; 16 programmable channels
Camera Requirements	M330 and M340 Series Quadtek Spyrometer
Ancillary Hardware	1 mouse; 1 standard keyboard; 1 DVD-RW drive
Additional Interfaces	1 serial port; 1 parallel port; 2 network; 4 USB on rear; 2 USB on the front (protected); audio out
Weight	17.3Kg (38lbs)



MIRION
TECHNOLOGIES

www.mirion.com

© Copyright 2009. All rights reserved for trademark and registered trademark information.

The above specifications may vary according to system configuration. Mirion Technologies Incorporated reserves the right to amend or change the information on this sheet without prior warning. 09/09

315 Daniel Zenker Drive
200 IST Center
Horseheads, NY 14845
USA
T +1.607.562.4369
+1.800.432.1478
F +1.607.562.4392

12954 Stonecreek Drive
Pickerington, OH 43147
USA
T +1.614.367.2050
F +614.367.2464

Station Road
Alton, Hampshire
GU34 2PZ, UK
T +44.(0).1420.541.600
F +44.(0).1420.541.700

Kaiser-Konrad-Str 93a
D 53225 Bonn
Deutschland
T +49.(0).228.625.088
F +49 (0) 228.626.300

