

*Dual Camera Image Processor*



The Quadtek **Spyrometer<sup>3</sup>** system from IST offers the advantage of allowing two video cameras, each with a patented scanning pyrometer, displayed through one M214 processor. Using the Microsoft® Windows® operating platform, the M214 sends the collective output to one or two VGA monitors. This gives operators the ability to observe process conditions from two locations while measuring up to 32 areas of temperature of virtually any object or region in each field of view.

**Features**

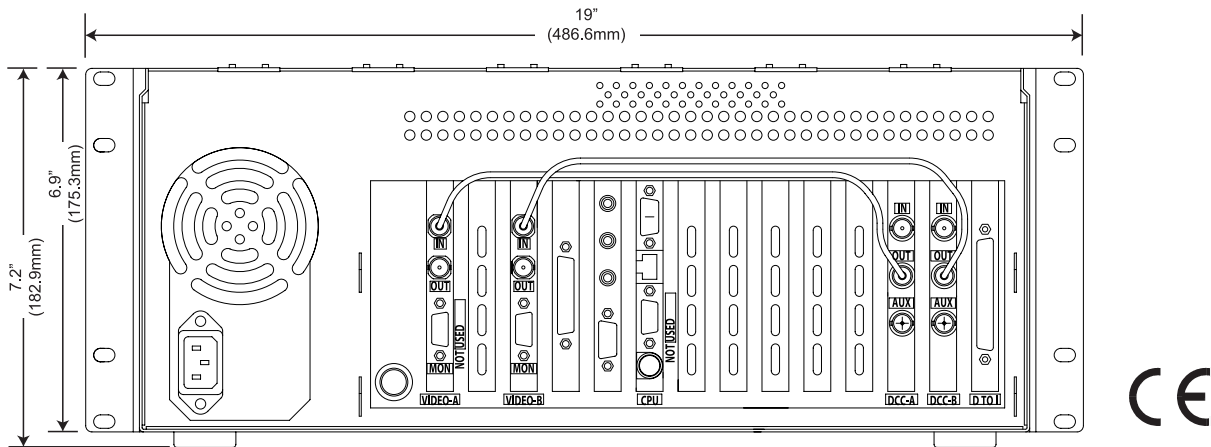
- Two cameras into one processor
- Continuous clear, real-time video
- Easy user interface
- 32 moveable and sizeable temperature measurement areas; programmable for minimum, maximum or average temps.
- 16 channels 4-20mA output
- Multiple temperature trending capabilities
- Snapshot feature with archive capability or internet distribution
- Connectivity with plant control system

**Benefits**

- Single integrated video/temperature package
- Reduced hardware costs
- Reduced space and power requirements
- Full compatibility with existing Quadtek Spyrometer cameras
- Traditional Microsoft Windows functionality
- Improved dependability

# QUADTEK M214 Processor

## Specifications and Performance



Power .....	100 ~ 240 Vac; 50/60Hz	Quadtek M550 Series camera	
Power Consumption .....	300W max.	Video Output Channels .....	2 x SVGA (to PC monitors)
Dimensions .....	176mm (H) x 482mm (W) x 560mm (D) (*6.93" x 19" x 22") *7.2" with feet attached	Analog Outputs .....	4 ~ 20mA; 16 programmable channels
Installation Clearances .....	76mm (3.0") at rear	Camera Requirements .....	M550 Series Quadtek Spyrometer
Temperature Range .....	0°C ~ 50°C (32°F ~ 122°F)	Ancillary Hardware .....	1 mouse; 1 standard keyboard
Relative Humidity .....	5 ~ 95% non-condensing	Unused Interfaces .....	1 parallel port; 1 serial port; 1 network port
Video Signal Input .....	2 x composite video with multiplexed pyrometer data, compatible with	Weight .....	10Kg

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