High-Temperature Cameras for Real-Time Monitoring

Lenox Instrument Co. announces the addition of Internet protocol (IP) Net workable models to its line of high-temperature, Furnace Camera HD and Hot Area camera systems. According to the company, the Web-browser enabled models offer:

- Maximum flexibility and connectivity for viewing and recording real-time color video images via a standard Web browser or by integration into other video management systems.
- These camera systems allow users to record camera output on a network connected PC, server or digital video recorder and then easily access images remotely from any PC on the corporate network or the internet.
- The systems are capable of generating a configurable IP, high-definition resolution, MPEG-4 video stream at up to 25 and 30 images per second (for PAL and NTSC respectively).
- The Furnace Camera HD System’s water-cooled stainless steel camera housing mounts in a 3.5-inch (89-millimeter) opening and is capable of operating in hostile environments up to 4250°F (2345°C).
- The Hot Area Camera System’s water-cooled aluminum camera housing allows operation in environments up to 500°F (260°C) with pinhole or 300°F (149°C) with window.
- Both the steel-housed and aluminum-housed systems can be configured

with a variety of lens options, including zoom capability, and are available with several mounting styles such as pan-and-tilt, cradle-mount and flange-mount.
- The systems provide engineers and operators clear, high-resolution images of burner flames, material alignment and movement inside the furnace, refractory conditions and other “high-heat” processes found in iron, steel, metals and glass processing industries.
- Each system is designed, manufactured and serviced in-house by Lenox Instrument, and is backed by an industry-leading 2-year warranty.

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