



Industrial Video & Control

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IVC Introduces Class I Division 2 Certified Cameras

Watertown, MA – August 15, 2005 – Industrial Video & Control Company announced today the introduction of its Class I Div II certified cameras. These cameras have been designed and tested to operate reliably in inherently dangerous environments. The initial camera offering is a pan/tilt/zoom camera with an 18x zoom. The company will soon follow this with a 23x pan/tilt/zoom camera. The IVC cameras were tested to UL standards and certified by Factory Mutual, an internationally recognized standards testing firm.

“We have always had good success selling into the oil and gas industry,” states Norman Fast, president of IVC. “With these certified cameras we are fulfilling a major need for the petrochemical sector and other industries that require this kind of ruggedness and safe operation.” The certified cameras are suitable for use in environments where volatile flammable liquids, gases, or vapors exist. The cameras are designed so that any arc or thermal effect produced during camera operation will not ignite the specified gases or vapors.

The PTZ-3142-01 is a high quality, high-resolution color video camera with outstanding low-light performance. It has an 18x motor-driven optical zoom and a 4x digital multiplier providing 72x total zoom. The camera is housed in a heavy-duty stainless steel weatherproof dome suitable for hostile environments. The enclosure is sealed and pressurized with dry nitrogen and certified by Factory Mutual for Class 1 Division 2, groups A through D. It includes an automatic heater and blower. The complete assembly is rated NEMA 4X. The PTZ camera is a high performance low-light camera that automatically switches to black and white and removes an IR cut filter to increase sensitivity in low light conditions. The camera is ready for mounting and requires only power and a network connection. The camera IP hardware is housed in a separate certified NEMA-4X enclosure that is constructed of fiberglass and is suitable for wall mounting.

The cameras’ pan, tilt, and zoom functions can be controlled automatically and precisely from anywhere using the click-to-point, and preset view features of the IVC Relay Server software. Captured video can also be continuously stored on the IVC Relay Server. IVC’s View Station software provides operator console functions for camera systems using this camera. View Station users can customize multi-up displays, schedule camera tours, and automate other system functions.

Based in Watertown, Massachusetts, IVC is a manufacturer/integrator of IP-based video systems and a developer of advanced software for managing networks of video cameras. Their video systems are used in a broad variety of applications by companies of all sizes. IVC offers a range of IP cameras including pan-tilt zoom, fixed, remote zoom and varifocal (manual zoom) cameras.

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