

Samcon Releases Explosion Proof HD CCTV Video Camera

SAMCON releases the ExCam HD, an explosion proof video camera that delivers superb picture quality for process monitoring and surveillance technology (CCTV).

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/EINPresswire.com/ -- The [ExCam HD](#) is approved for danger zones (dust and gas explosion risk zones) and features a new and advanced precise iris control, P-Iris, that sets new image quality standards for fixed cameras. It comprises a special P-Iris lens together with specialized software in the camera to enable the camera to set the best iris position for optimal image contrast, clarity, resolution, and depth of field.



ExCam HD - Explosion Proof CCTV Camera for usage in oil & gas industry or chemical plants.

"A special feature of [explosion proof cctv camera](#) ExCam HD is that both data transfer as well as the power supply take place through a single cable. Hence, only a PoE switch or a PoE Midspan is required for the connection in the safe area. The power supply of the cameras can take place with Power-over-Ethernet (PoE) through the network and hence the costly installation of power cables is no longer required. Another highlight of the camera is digital PTZ (pan/tilt/zoom) in a desired section of the picture. This means that the camera can be used like a digital, varifocal lens. The digital PTZ allows for cutting out different sections of the surroundings from the overall view and streaming them to be viewed or recorded, in connection with the support function for multiple streams. A single camera hence simulates several virtual cameras and several video streams can be transmitted at the same time," according to Steffen Seibert, the Managing Director of [SAMCON](#).

The ExCam HD was designed for indoor as well as outdoor use and is equipped with an extremely robust housing. With a length of 210 mm, it is, however, smaller than most of the other cameras used for explosive atmospheres. Thanks to its stainless steel housing, it is predestined for use in the chemical industry, offshore and onshore plants of the oil and gas industry and in the mechanical engineering sector.

The ExCam HD extends the system landscape of ExCam series of SAMCON and can be integrated seamlessly into existing networks. The ExCam HD is now available.

The company SAMCON Prozessleittechnik GmbH was founded in 1992 and is located in Marburg (Hesse), Germany. SAMCON produces camera systems for explosion risk and hazardous areas (94/9/EC ATEX). CCTV applications range from simple system monitoring to fully controllable digital video monitoring systems with voice transmission. The company is specialised in the development, production and sale of devices, software and engineering services in the area of process control engineering. It currently has 10 regular and freelance employees. The general managers of the company are Helmut Seibert and Steffen Seibert. Since 2008, the company has satisfied the requirements for quality management specified by the directive 94/9/EC (ATEX) and produces camera and communication systems for explosion risk areas.

Press release courtesy of Online PR Media: <http://bit.ly/1bWyLhv>

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