Cameras and CCTV Equipment

Pls contact Stahl@unitconcept.com for more details and pricing

Cameras and CCTV Equipment

From our large range of zoom cameras, thermal imaging cameras and many other surveillance cameras as well as selected hardware and software components we will design the ideal CCTV solution for your individual requirements - high-quality, long-life and also suitable for extreme temperatures.

Surveillance systems from R. STAHL for more safety in hazardous areas - practise-oriented, comfortable and flexible due to their state-of-the-art WLAN or web access from different locations. The configuration of our tailor-made CCTV systems for the most sophisticated requirements starts with the choice of camera: fixed camera or PTZ camera, thermal imaging camera or a different model? Whichever you choose, it will be certified according to ATEX and IECEx for hazardous zones 1, 2, 21 and 22, have at least IP66 and designed for extreme temperatures. We connect the camera systems and our great variety of hardware accessories to existing control, alarm or other systems, regardless of protocol.

Depending on the application, software components for video management and recording complement your system perfectly.

- Surveillance systems for hazardous areas with extreme temperatures and almost worldwide Ex-certification
- Open concept for individual configuration of the tailored, ideal CCTV solution
- Modern camera systems, flexible and easy to integrate

Cameras for Ex Areas

Each area of application for surveillance cameras poses different challenges - be it the chemical, pharmaceutical or the oil and gas industries. R. STAHL's cameras with their state-of-the-art technology cover all areas of application in hazardous areas - e.g. fixed cameras for monitoring corners and inspection windows, AFZ and PTZ cameras for monitoring whole areas, or thermal imaging cameras for light-independent monitoring around the clock or changes in temperature at machinery or in storage areas.

With a large variety of cameras R. STAHL covers all surveillance system requirements in hazardous areas. Our fixed cameras - the smallest compact cameras in the world, by the way - are available in 7 versions, and we also offer zoom cameras, pan/tilt cameras, thermal imaging cameras and dome cameras. The new EC-940-AFZ zoom camera series is a real innovation with Ex e connection box and FO, PoE++ or standard Ethernet connection.

Many camera models are available either as an analogue or an IP version, some also with full HD resolution. All camera models have a robust and practice-oriented design for

operation in hazardous zones 1, 2, 21 and 22. They are temperature-resistant, made of stainless steel and have excellent protection with IP69. We offer state-of-the-art camera technology as the basis for individual surveillance solutions.

- The right surveillance camera for every type of purpose.
- Fixed, zoom, PTZ and thermal imaging cameras in many different versions.
- Robust and innovative camera technology for hazardous areas
- Analogue or IP technology available

Accessories and Installation Materials

Sophisticated safety down to the smallest detail: R. STAHL is the one-stop-shop for all components for your surveillance system, including accessory parts, installation materials such as holders, enclosures, terminal boxes or cables. This saves you shopping around and gives you the assurance that all parts are perfectly matched to the entire system and are working safely in the hazardous area.

The accessories for the surveillance systems by R. STAHL are ideally matched to our cameras so that you can rely on safety in hazardous areas and solid, long-life camera systems - plus, of course, smooth planning and installation. Our years of experience enable us to select from our large portfolio the components ideally suited for your system, including stainless-steel camera holders, armoured cables, cable glands, Ex e terminal boxes or Ex d enclosures.

- Time-effective planning: cameras, IT components and perfectly matched accessories from R.STAHL
- Durable and robust installation material for surveillance systems
- For installation inside and outside of the hazardous area

Video Management Software

Video management software (VMS) is a useful addition for surveillance cameras, because it can be used for flexible integration into systems and processes - with variable access,

complex alarm scenarios or video analyses. R. STAHL is working together with several VMS providers and selects the ideal software solution for the system of each customer.

Video surveillance in hazardous areas results in higher safety and efficiency, because companies need up-to-date information to make the right decisions in cases of emergency.

CCTV surveillance systems carry out such diverse tasks as visual process monitoring of systems and inspection windows, or triggering alarms with the aid of thermal imaging cameras. The solutions offered by R. STAHL are therefore just as individual as the requirements: We work together with many different video management software (VMS) providers to identify the best possible VMS solution for every system. One of our preferred systems is "SeeTec Cayuga": this open software can integrate systems of many renowned providers, and their modular design makes them scaleable and expandable.

- Video systems for industry and process monitoring are the basis for right decisions fast - thus improving safety.
- Tailor-made solutions with open camera and video systems (ONVIF profile S)
- Fail-safe, flexible access, video analysis - variety and comfort with the modular design principle

External Hardware for Surveillance System

From a wide selection of powerful IT hardware components R. STAHL configures tailor-made video surveillance systems for hazardous areas according to customer requirements. Together with PCs, servers, switches etc. our versatile surveillance cameras constitute robust systems that integrate seamlessly into new or existing systems, providing reliable process monitoring.

R. STAHL will configure the components of your surveillance system individually - from very large (e.g. server with Windows Server 2012 R2 with several terabytes of connected memory) to very small (e.g. a single PC with video management software for two explosion-protected cameras). We make sure that processors, operating systems and all other components have truly up-to-date specifications so that the finished systems meet your requirements reliably and for a long time to come. For system components for hazardous areas we make use of our own explosion-protected HMI systems which give you uncompromisingly safe access everywhere to your surveillance system.

• Individually designed video surveillance, expandable according to requirements

- Fast and cost-effective connection to existing video systems possible
- Surveillance systems combining explosion-protected and industrial cameras possible

Professional Service – All in one package

Convenient all-in-one package from R. STAHL: for the maximum functional reliability of your surveillance system we can provide factory acceptance testing (FAT), site acceptance testing (SAT), commission the system and support the smooth operation by providing training and support in German and English. You can rest assured that even complex video systems will function as planned, and safely.

R. STAHL's service by far exceeds planning and realisation of your surveillance system. During factory acceptance testing and site acceptance testing on-site, even offshore, you can satisfy yourself that your camera system meets the specifications and works reliably. After commissioning, our experienced experts will train your staff in German or English to

ensure safe and correct operation of the video systems in any possible situation. Should you have any questions during operation, our Support will be happy to help. With R. STAHL as your partner, your surveillance system will work just the way you wanted it to.

- Additional services by R. STAHL for the support of reliable and error-free operation
- Acceptance testing (FAT, SAT), commissioning, training, support by experienced experts
- Support and commissioning of surveillance systems can also be provided offshore