



FULL-HD-MINI-INSPECTION

FUNCTIONALITY

PIEPER has now developed a monitoring solution that can be used immediately even in failure. If the housing or the sensor of the FULL-HD-MINI-INSPECTIONS system is destroyed or damaged, only the affected components must be replaced. A reconfiguration is not necessary, saving both time and costs.

The robust device also resists dust, Vibration, shock and temperature fluctuations, making it ideal for industrial applications. Especially in optimized industrial environments, the size of the system plays a crucial role. Here you can install in a small space, the FULL-HD-MINI-INSPECTIONS system. The long cable of the sensor unit of twelve meters makes it possible to position the main unit where there is enough space.

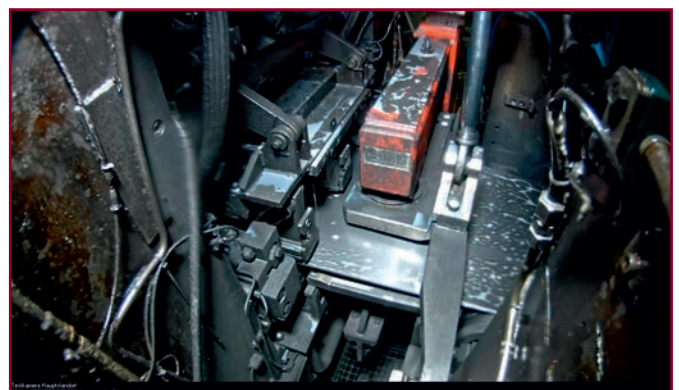
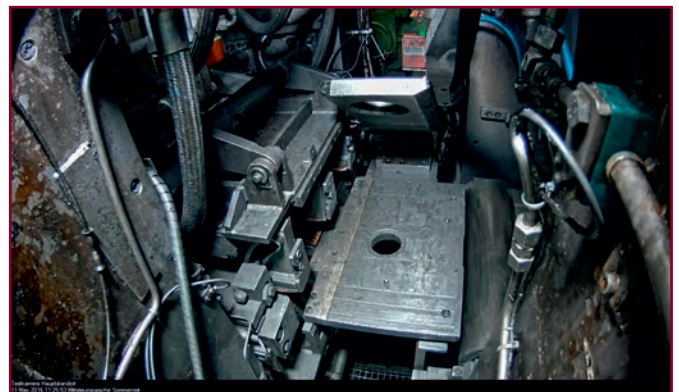
The complete system is set up user-specific and consists of a base unit either for one or up to four cameras and an industrial PC with video management software and NVR recording.

For an individual configuration and flexible expansion we provide further active and passive components.

KEEPS AN EYE ON THE PRODUCTION - ANYTIME

By the use of video management software and NVR recording production processes can be evaluated efficiently. Thus errors can be detected and remedied quickly and the production can be optimized. Also evolving trends are instantly recognizable. An economic analysis is also backed up by the use of IBA-compatible

products that can synchronize the process data of the machine with the video data and store it in the system.



FULL-HD-MINI-INSPECTION - COMPONENTS

Core components	Recommended components	Optionale Komponenten
<ul style="list-style-type: none"> • Sensor unit with 12 m cable • Housing • Lens protection • Conduit • Base unit 	<ul style="list-style-type: none"> • Camera Connection box • DIN rail • Industrial Ethernet switch • Network Video Recorder • Management PC • Industry-standard monitor unit 	<ul style="list-style-type: none"> • Industrial core switch to connect multiple inspection systems • Connection to Profibus • Connection in a process control system

Main unit	Sensor unit 12m
<ul style="list-style-type: none"> • Standard resolution: HD 1080p • System: Color • Video Compression: H.264, M-JPEG • Resolution max.: 1920x1200 • Image transmission rate max.: 50 fps • IR cut filter: Standard • Low Speed Shutter: Yes • Digital Noise Reduction (DNR): no • Wide Dynamic Range (WDR): WDR Forensic Capture • Motion: Yes • Lens Mount: Remote sensor / lens unit • Video Outputs: NO • Audio support: yes • Alarm inputs: 4 • Serial interfaces: RS-232 • Internal Memory: microSD card, microSDHC Card, microSDHC Card • Power supply: 8-28VDC, PoE (IEEE 802.3at) • ONVIF: yes • Certifications: CE 	<ul style="list-style-type: none"> • Sensor lens unit for F-Series • Remote sensor unit for AXIS F Series • 1 /2.8" progressive scan RGB CMOS sensor • Flexible and robust design, suitable for mobile use • Fixed lens: 2.8 mm, 113 o FOV • For indoor and outdoor installation, IP66 • Cable length: 12 meters • AXIS F8401 Lens Protection to protect the lens



FULL-HD-MINI-INSPECTION - SYSTEM CONFIGURATION



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