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MOBOTIX ONE

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MOBOTIX launches new camera platform "MOBOTIX ONE" for high-end applications

A combination of security and robustness with flexibility and intelligence

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Langmeil, June 2024 - The best of both worlds: The new MOBOTIX ONE camera platform is being launched, combining security and robustness with intelligence and system openness. This creates a future-oriented camera platform that offers highly demanding markets, critical and sensitive infrastructures and verticals a tailor-made and cyber secure solution for video security

MOBOTIX ONE is an extremely robust and maintenance-free video system 'Made in Germany' that impresses with both its application-oriented design and its high-quality components: fiberglass-reinforced, saltwater-resistant housing allows use in the harshest environments, strong processors and image sensors ensure excellent image quality. In addition, cyber-secure firmware developed by MOBOTIX with integrated AI video analysis tools for intelligent, video-based perimeter protection and object detection at the highest level. In addition to its unique design, the camera series also impresses with its enormous performance and connectivity. AI- and deep learning-based apps open up process-optimized workflows in industry or production, but also in the care sector or the transport sector, for example.

Thanks to its high-resolution image sensor and application-optimized MOBOTIX Image Engine, the MOBOTIX ONE delivers sharp and clear image quality around the clock, indoors or outdoors. Intelligent continuous recording switches to maximum resolution and frame rate on an event-driven basis, and the cameras feature a powerful 120 dB Wide Dynamic Range (WDR) and improved low-light performance with outstanding image quality even in very poorly lit environments.

"With the secure and robust, yet intelligent and flexible MOBOTIX ONE camera platform, we have created a stable basis that can be expanded with the already installed MOBOTIX ActivitySensor ONE app, but also with other AI-based video analysis apps that are already in development, to create an unsurpassed security and process optimization system for defined solutions," explains MOBOTIX CTO Christian Cabirol. MOBOTIX is focusing on selective, sensitive and critical infrastructures and verticals, as these niche markets offer significant market potential. Focus industries include healthcare, industry/utilities, the public sector and transportation. "Customers in these sectors are already aware of the dangers that digital industrial espionage or hybrid attacks can cause and are willing to invest in reliable and trustworthy systems to ensure the greatest possible security and optimization of processes and workflows," emphasizes Thomas Lausten, CEO of MOBOTIX AG.



Introducing the new MOBOTIX ActivitySensor ONE

The new MOBOTIX ActivitySensor ONE, available with the MOBOTIX ONE camera, offers features perfect for security and surveillance. Using AI-based object detection, the sensor can reliably identify and track the movement of people and vehicles, including cars, trucks, buses, motorbikes, and bicycles. But stationary objects are also detected.

The MOBOTIX ActivitySensor ONE is especially suited for perimeter protection and intrusion detection, overcoming the limitations of traditional video motion-based image analysis tools. This significantly reduces false alarms and increases detection accuracy of relevant objects and movements strongly. The sensor can be activated in specific areas within the camera's view and works both indoors and outdoors, day and night. It is very easy to use, making it a dependable and user-friendly solution for various security needs as well as for workflow and process optimization in the industrial, production, healthcare and logistics sectors. With the wholly-owned MOBOTIX subsidiary Vaxtor, the company also has market-leading app development expertise that can develop solutions for a wide range of future challenges.

One Camera, Two Options: MOBOTIX ONE M1A-S

The MOBOTIX ONE M1A-S camera model marks the launch of the new platform. One model is equipped with fixed focal length lenses, the second variant with motorized varifocal lenses. With the varifocal lens, the user can easily adjust the optimum image angle for their security camera remotely via the camera software, depending on the planned installation position.

The integrated on-board analytics with the MOBOTIX ActivitySensor ONE, which is based on deep learning, ensures reliable detection of relevant objects and movements.

Both variations have an internal DVR that supports up to 1 TB of storage, eliminating the need for extra recording software or NVRs. Both variations also will mount on existing M16/M26 brackets, allowing for a more cost-effective upgrade from Mx6. MOBOTIX ONE variations also have high-quality audio capabilities with integrated bidirectional and lip-synchronized audio that requires no additional accessories.

MOBOTIX ONE is built to last with a 5-year warranty and a high MTBF (Mean Time Before Failure) value of over 10 years. The cameras also have free lifetime software updates and use the MOBOTIX Management Center, which is free of charge. These features ensure the camera will be useful and sustainable for a long time.

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About MOBOTIX AG

MOBOTIX is a leading manufacturer of intelligent IP video systems in premium quality and sets standards in innovative camera technologies and decentralized security solutions with the highest level of cyber security. MOBOTIX was founded in 1999 and is headquartered in Langmeil, Germany. The company relies on its own research and development as well as its own production "Made in Germany". Customers around the world trust in the durability and reliability of MOBOTIX hardware and software. The flexibility of the solutions, the integrated intelligence and the highest level of data security are appreciated in many industries. MOBOTIX products and solutions support customers in areas such as industrial manufacturing, retail, logistics and healthcare. With strong and international technology partnerships, the company is using artificial intelligence and deep learning modules to expand its universal platform and new applications in a wide range of sectors.

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