Hanwha Techwin launches five P series AI 2MP cameras equipped with AI security solutions

Global security company Hanwha Techwin launches a premium lineup of Wisenet P series AI 2MP cameras with AI-enabled features. The latest lineup of five cameras (PNB-A6001/PNO-A6081R/PND-A6081RV/PND-A6081RF/PNV-A6081R) captures pristine images at up to 2MP resolution while including powerful, in-camera deep learning algorithms for advanced object detection, classification and error-free analytics. Utilizing object recognition versus motion detection all but eliminates false alarms while also providing valuable business and operations insight.

Wisenet P series AI 2MP cameras detect and classify objects including people, vehicles, license plates, and faces. It is equipped with a 'BestShot' feature which only the most suitable image of classified objects is sent to a backend server. Unique attributes of the objects are also stored as metadata alongside the video information including: colors of clothes, age groups, vehicle types, and colors. This prevents server overload and allows prompt AI-driven search for extracting information on specific objects, improving the overall search efficiency.

Moreover, Wisenet P series AI 2MP cameras support the latest noise reduction technology, WiseNRⅡ (Wise Noise ReductionⅡ), which utilizes AI object detection technology to identify object appearance/ movements and remove motion blur adaptively in low light environments with large amounts of noise. It effectively resolves the issue of image blur and ghosts effect caused by excessive noise reduction.

Wisenet P series AI 2MP cameras also support the company's proprietary WiseStreamⅢ technology. It identifies key objects such as people and/or vehicles based on the edge-based AI and compresses background data drastically. This curtails data size and minimizes bandwidth for better operational efficiency in managing data storage.

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"Hanwha Techwin's AI technology has already been well recognized in the industry. The new lineup of 2MP AI cameras will offer greater access to diverse environments and applications.", said an official from Hanwha Techwin. "Our company will leverage its technical prowess to advance AI-powered solutions and diversify the product line, spearheading the rapidly growing AI market."

For more information, please visit Hanwha Techwin's homepage at www.hanwha-security.com.

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