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EDITORIAL CONTACT

Vicki Hoffman / in | fusion

phone: 203-252-2173

e-mail: yhoffman@ifadvertising.com

website: ifadvertising.com

Wisenet X series defines the new standard for video surveillance

New Wisenet 5 chipset delivers innovation and extreme performance



Teaneck, NJ (January 20, 2017) – Hanwha Techwin, a leader in global security, builds on the foundation of its highly regarded Wisenet line by launching Wisenet X series featuring Hanwha’s new Wisenet 5, self-developed chipset, the most important core technology developed to date by Hanwha Techwin.

“Wisenet 5 is our latest chipset designed specifically for professional video surveillance applications that offers extreme processing performance at the edge,” said Soonhong Ahn, President, Hanwha Techwin America. “Wisenet X is the first product range to use this single chip solution. Our new 5 megapixel and 2 megapixel camera lines will

redefine industry standards, not only with exceptional resolution, but with more advanced features and upgraded functions.”

Wisenet X series offers industry leading 150dB WDR performance, clear images in extreme low light conditions, and WiseStream II compression technology for reduced data transfer. A convenient USB port is also available for easy set-up and installation. Other notable key features include license-free audio and video analytics, dual SD card slot for increased on-board storage and image stabilization using gyro sensors.

By adding the Wisenet X series to the recently released Wisenet Q and P series, Hanwha Techwin offers a comprehensive line-up of video surveillance solutions, from affordable entry level to competitive high-performance products that satisfy the needs of projects and customers in all market sectors.

Key features of the Wisenet X series include:

150dB WDR offers sharp images. Most common WDR images are captured by composing 2 frames with different exposures. Wisenet X series WDR achieves 150dB by capturing 4 frames at high speed (1/120s), combining them into one image, creating more fluid video while still achieving 30fps. This new technology has been developed to address weaknesses of existing WDR technology, providing clear and vivid images.

Monitoring of color images in low-light environments. This is made possible with the new Wisenet 5 chipset and processing technology. With Hanwha Techwin’s outstanding optical technology, Wisenet X series cameras produce images that can be monitored in color even in low-light environments without IR LED allowing vivid images to be captured regardless of the environment or time of day.

Substantial bandwidth savings. Wisenet X cameras combine H.265 compression and WiseStream II, a complementary compression technology which dynamically controls encoding, balancing quality and compression according to movement in the image. Data reduction of up to 99% can be achieved with Wisenet X series cameras.

USB port for added convenience. Using the USB port, Wisenet X series cameras allows for certain adjustments (i.e. focus, viewing angle) directly from mobile devices via Wi-Fi and wired. Installers can reduce installation time, dramatically reducing costs.

More diverse analytics. The Wisenet X series offers license-free analytics. The audio analysis function recognizes critical sounds, such as gunshots, explosions, screams, and broken glass, and then immediately issues an alarm. Additional analytics include queue management which analyzes queues generated in specific environments such as a shop or bank for more efficient management.

Dual SD card slots. Dual SD card slots allow up to 512GB of video to be saved automatically on-board the camera, to preserve data in the event of a network disruption.

More accurate stabilization. Gyro sensors have been added to the technology used in existing cameras for more accurate stabilization. Stabilization comes into effect when a camera is disturbed by wind or vibrations, resulting in more stable images.

For more information, visit www.HanwhaSecurity.com

About Hanwha Techwin America

Hanwha Techwin America is the U.S. subsidiary of Hanwha Techwin, a South Korean based company. Hanwha Techwin is a leading global supplier of solutions for IP and analog video surveillance. Building on the company's history of innovation, Hanwha Techwin America is dedicated to providing solutions with the highest levels of performance, reliability and cost-efficiency for professional security applications, such as continuing development in advanced edge devices and video analytics. For more information, visit HanwhaSecurity.com.