



NEWS RELEASE

Hanwha at ISC West 2018

Booth #14079

Sands Convention Center

Las Vegas, NV.

Hanwha Introduces New Thermal Cameras at ISC West

Wisenet 5 chipset brings new level of video analytics to thermal market



Teaneck, NJ, March 27, 2018 - At ISC West 2018, in booth #14079, [Hanwha Techwin America](#), a global supplier of IP and analog video surveillance solutions, will unveil five new IP-based Wisenet thermal cameras. The new cameras require no ambient light and provide excellent image quality in darkness or challenging environments such as smoke or fog. Capable of long range detection, the cameras feature selectable 13/19/35mm lenses and are available in both bullet and PT mounts.

The high-contrast images rendered by thermal cameras make motion detection and other video analytics highly accurate. With a VGA resolution of 640 x 480 at 30fps, motion is smooth and images are clear. The new thermal cameras use the power of the Wisenet 5 chip to provide advanced analytics including tampering and shock detection, loitering, directional detection, plus audio detection and classification for gunshots, glass breaks, and screams. Motion detection with handover enables thermal cameras to inform standard PTZ (Pan Tilt and Zoom) cameras where to

target their lenses to gather additional information on an event.

"A unique aspect of the new thermal cameras is their ability to detect temperature changes in the frame," explains Mr. Kichul Kim, President, Hanwha Techwin America. "Combining thermal sensors with our industry leading Wisenet 5 chipset features brings a new level of performance and analytics to the market. "Seeing in the dark is not enough. Our customers want industry leading intelligence features as well."

Additional highlighted features:

TNO-4051T

- 35mm fixed lens
- Detects vehicles at a max distance of 3157m/10,358ft, persons at 1235m/4052ft
- PT mount

TNO-4050T

- 35mm fixed lens
- Detects vehicles at a max distance of 3157m/10,358ft, persons at 1235m/4052ft
- Bullet type

TNO-4041T

- 19mm fixed lens
- Detects vehicles at a max distance of 1714m/5623ft, persons at 674m/2211ft
- PT mount

TNO-4040T

- 19mm fixed lens
- Detects vehicles at a max distance of 1714m/5623ft, persons at 674m/2211ft
- Bullet type

TNO-4030T

- 13mm fixed lens
- Detects vehicles at a max distance of 1173m/3848ft, persons at 459m/1506ft

- Bullet type

All cameras include digital image stabilization with gyro sensors, and include H.264/265 based WiseStream II compression technology. On-board storage of up to 256GB is available through a SD/SDHC/SDXC memory slot.

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About Hanwha Techwin America

Hanwha Techwin America is a subsidiary of Hanwha Corporation, 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. Visit www.HanwhaSecurity.com

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