WISENET

WISENET X series

Wisenet 5

defining the future

Wisenet X series features the most powerful chipset ever incorporated into a full camera range. Hanwha's self-developed Wisenet 5 chip uses an all-new architecture that enables faster processing. This means the highest quality video performance with essential features suited to a wide range of video surveillance applications.

Best-in-class 150dB WDR ▶ **WiseStream II Compression Technology** ▶ **Advanced Analytics**

WISENET

WISENET X series

Wisenet X series premium line of network cameras feature Hanwha's self-developed proprietary Wisenet 5 chipset. The full line of network cameras and NVRs make Wisenet X ideal for virtually any security and surveillance application.

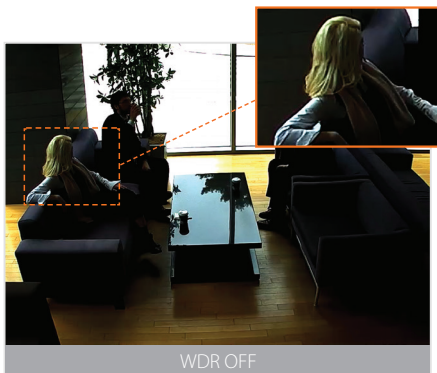## Superb Features with Hanwha's Core Technology

- 5MP@30 fps, 2MP@60 fps
- WDR - up to 150dB@2MP* / 120dB@5MP
- Low light noise reduction technology
- WiseStream II
- USB port
- Dual SD card slot*

- Sound Classification*
- Enhanced Video Analytics*
- Fog Detection
- PTZ Hand-over
- Highlight Compensation (HLC)
- High Power IR LEDs

* depends on camera model

	BOX	BULLET	INDOOR DOME	OUTDOOR VANDAL DOME	PTZ	FISHEYE	SPECIALTY
5MP	XNB-8000	XNO-8020R/8030R/8040R/8080R	XND-8020R/8030R/8040R/8080RV XND-8020F	XNV-8020R/8030R/8040R/8080R XNV-8080RS		XNF-8010R/8010RV/8010RVM/8010RW	
2MP	XNB-6000/6005 XNB-6001 SLA-T4680/T4680V/T2480/T2480V/T1080F	XNO-6010R/6020R XNO-6080R XNO-6085R XNO-6120R XNO-L6080R	XND-6010/6020R/6080V/6080RV/6085V XND-6011F XND-L6080RV/ L6080V	XNV-6010/6020R/6120/6120R/6120RS/6080/6080R/6080RS/6085 XNV-L6080/L6080R XNV-6022R/6022RM/6012M/6012 XNV-6011/6011W/6013M	XNP-6370RH XNP-6320/6320H/6320HS XNP-6120H / XNP-6040H		XNB-H6241A XNB-H6461H SHD-46VDB/46VDE SLA-T4680D/T4680DW/T4680DS

WISENET

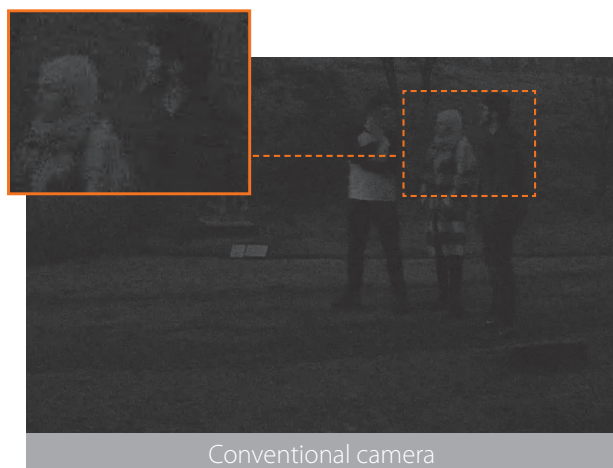# Best-in-Class 150dB Wide Dynamic Range (WDR)

Conventional WDR captures images by taking 2 frames taken at different exposures, whereas Wisenet X series cameras utilize 4 frame capture at different exposure levels to create a combined image. With the development of cutting-edge WDR technology, Wisenet X series cameras address a limitation found in conventional WDR cameras while producing clear and vivid images.

WDR OFF

Conventional WDR with 2 frame image capture

Wisenet X WDR (150dB) with 4 frame image capture

※ Actual images from XNV-6080R
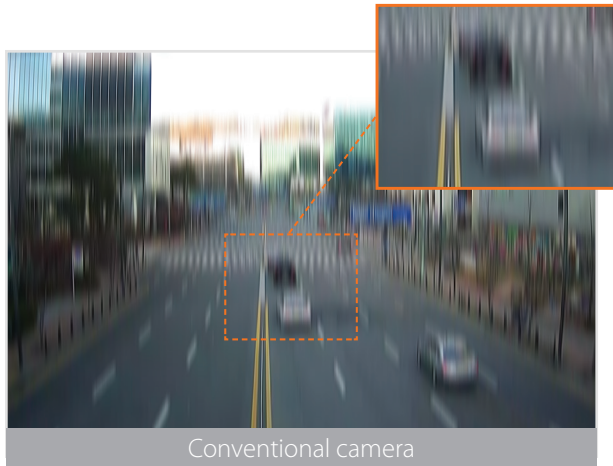Please check camera specfication

Monitor Color Images Even in Low-Light Environments

With the new, powerful Wisenet 5 chipset and processing technology, combined with Hanwha Techwin's outstanding lens technology, Wisenet X series achieves optimal performance in low-light conditions by capturing and producing crystal-clear images including true-color images without IR LEDs, regardless of the environment or time of day.

Conventional camera

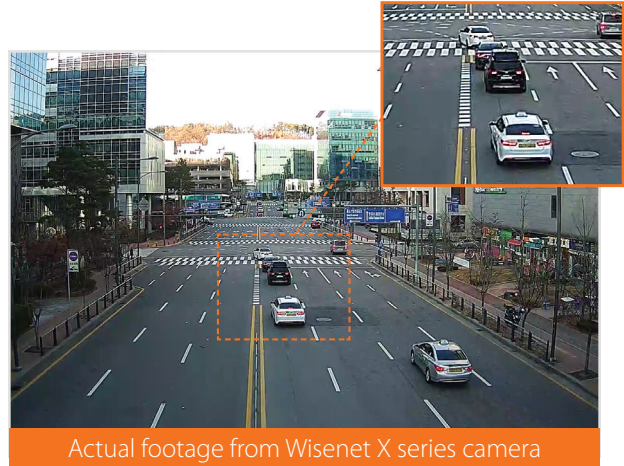Actual footage from XNO-8080R

Improved Digital Image Stabilization (DIS) with Gyro Sensor

Advances in Hanwha's image stabilization technology allow for the reduction of motion blur caused by wind or vibration. A gyroscopic sensor plus DIS technology is specifically designed and engineered into select Wisenet X-series cameras resulting in sharp, stable images.

Conventional camera

Actual footage from Wisenet X series camera

※ Equipped only on certain models

Advanced Compression with WiseStreamII

Using WiseStreamII, Hanwha Techwin's video compression technology, Wisenet X series reduces data by up to 99% compared to the previous version of WiseStream when combined with H.265 compression. The costs of configuring and maintaining the system are also greatly reduced, while still maintaining the same pixels and high quality.

7168kbps
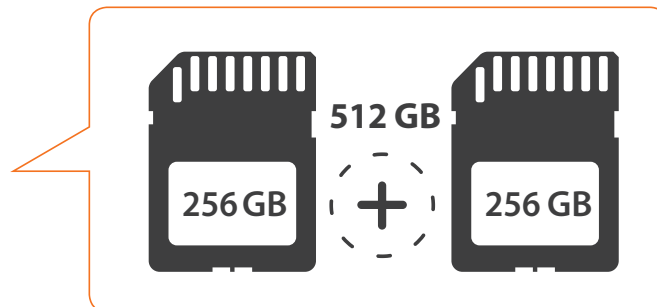WiseStream II off

72kbps
WiseStream II on

More Convenient Installation with USB

Using a compatible USB adapter and the free Wisenet installation app on a mobile device, adjusting the camera angle and focus is simpler. Additional devices are not required for installation, reducing installation time and costs.

Dual SD Card Slots

Dual SD card slots support up to 512 GB of storage at the edge, preserving stored data in the event of an unstable network connection.

512 GB

256 GB **+** 256 GB

※ Equipped only on certain models