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The Vision of the future. Now

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# INTRUSION DETECTION SOLUTION



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Intrusion, People Loitering and Abandoned/Stolen Objects Detection

Hanwha Techwin and analytic specialists A.I. Tech have jointly engineered affordable, single device intruder detection solutions which provides maximum detection, whilst significantly reducing the impact of time-consuming and costly false alarms.

The Wisenet Intrusion Detection solutions are supplied ready to work out-of-box. By harnessing the massive processing power of the chipset at the heart of Wisenet X cameras with A.I. Tech’s intelligent video analytics, the combined solution provides reliable detection regardless of the lighting conditions or the presence of shadows or reflections.

Accurate and Reliable

The advanced intelligence and artificial vision algorithms incorporated into A.I. Tech’s powerful analytics engine have been developed as a result of 25 years experience of designing innovative and intelligent video analysis solutions which operate effectively in both indoor and outdoor environments.

Wisenet AI-Intrusion-PRO

The Wisenet AI-Intrusion-PRO solution takes advantage of the superb quality images captured by the 2 megapixel network Wisenet XNO-6020R/INT IR bullet camera, which when combined with A.I. Tech’s intelligent video analytics, accurately detects any activity occurring in prohibited zones.

For site perimeter security purposes, it can also detect people or objects crossing multi-tripwire virtual lines which can be remotely configured.



Real-time reporting

Alarm events verified by A.I. Tech analytics can be sent to Wisenet network video recorders (NVRs). They are also supported by Wisenet WAVE and Wisenet SSM Video Management Software, as well as selected other VMS, such as Milestone Xprotect.

The Wisenet XNO-6020R/INT camera can be configured to report intruder activity via FTP or email.

XNO-6010R/6020R

2M Network IR Bullet Camera



Key Features

- Max. 2megapixel (1920 x 1080) resolution
- Built-in 2.4mm fixed lens (XNO-6010R)  
4mm fixed lens (XNO-6020R)
- Max. 60fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Heatmap, People counting, Queue management, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB), PoE / 12V DC
- Hallway view, WiseStream II support
- 20m (XNO-6010R) / 30m (XNO-6020R), IP67/IP66, NEMA 4X, IK10
- LDC support (Lens Distortion Correction)

Wisenet AI-Security-DASH

The Wisenet AI-Security-DASH solution shares all the features and functions of Wisenet AI-Intrusion-PRO and in addition, offers convenient, easy on the eye reporting via a Dashboard.

Supplied pre-loaded on the 2 megapixel Wisenet XNO-6020R/SEC IR Bullet camera, the edge-based Dashboard can be accessed remotely by a web browser. When multiple cameras are deployed, there is the option to run the Dashboard on a server.

Wisenet AI-Security-DASH is also available with the choice of two additional modules:



AI-LOITERING

AI-Loitering can detect suspicious behaviour of people remaining in a given area for longer than a pre-configured period of time. This feature has an accuracy of more than 90% where the subject is not hidden from view for at least 95% of the time and provided they only remain hidden for less than 2 seconds.



AI-LOST

AI-Lost is designed to detect objects in public areas such as airports, bus and train stations which appear to have been abandoned over a period of 1-10 minutes. It is also able to detect the removal of objects, e.g. the theft of paintings or artefacts on open display at a museum.



Wisenet Intrusion Detection Solution product table

Item Code	Description
XNO-6020R/INT	2M Network IR Bullet Camera with AI-Intrusion-PRO application. A 32GB SD card can be installed separately
XNO-6020R/SEC	2M Network IR Bullet Camera with AI-Security application. A 32GB SD card can be installed separately
AI-APP-SEC4-DASH-EM	Mini PC with up to 4 AI-Security running dashboards
AI-APP-SEC6-DASH-EM	Mini PC with up to 6 AI-Security running dashboards