Hanwha Vision

A series

**NDAA and FCC Compliant
Camera and NVR Solutions**
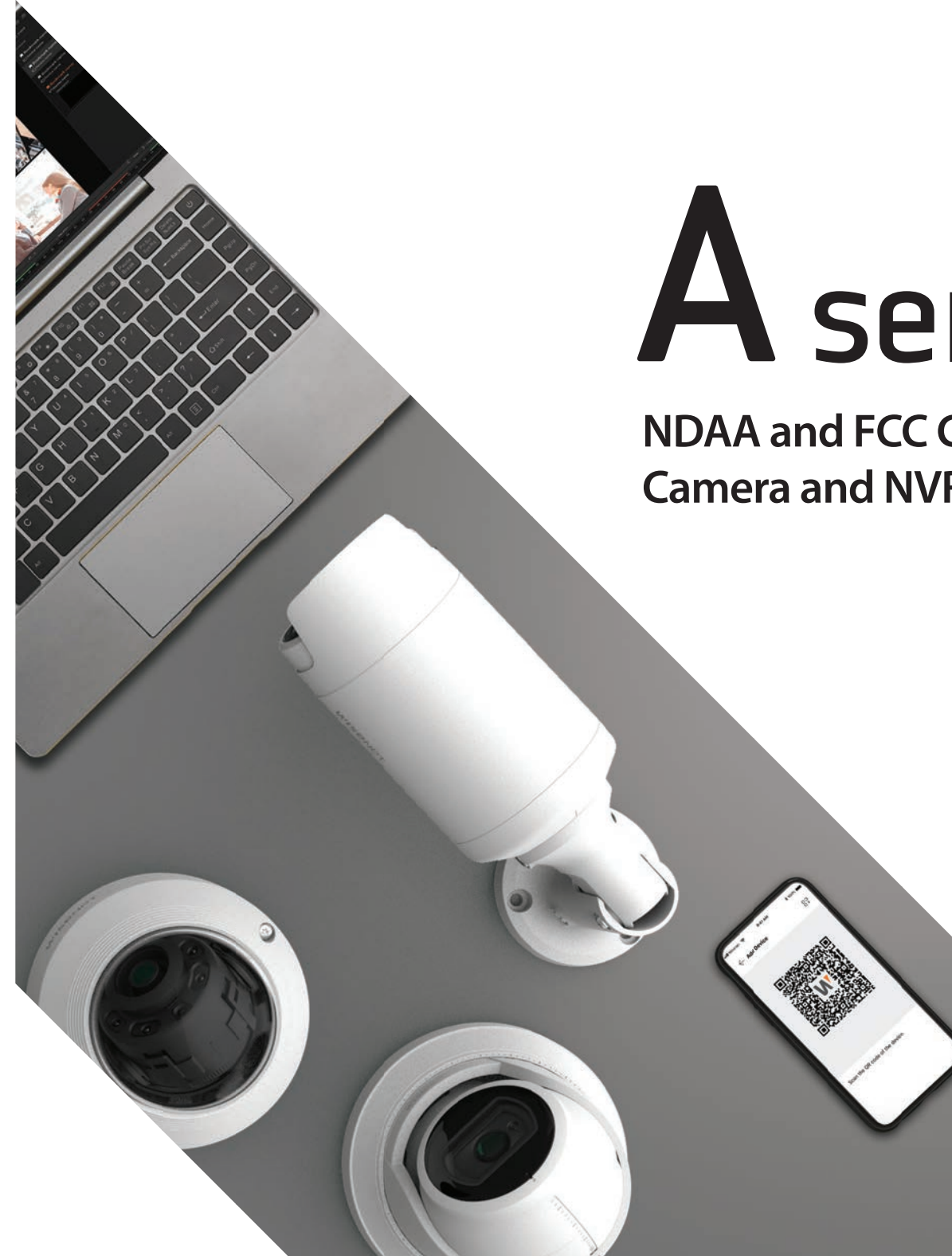
EOS
www.eos.com.au

NDAA
COMPLIANT

WISENET A series

Essential features. Professional results.

The Wisenet A series product line includes cost-effective camera and NVR solutions equipped with the essential functionality security professionals demand. Being affordable without sacrificing features makes it well suited to meet the needs of small to medium sized sites such as retail, banking, and commercial locations.

Unified NVR Interface

**Wisenet Viewer**

Wisenet Mobile

Essential camera features, professional performance

Wisenet A series cameras offer clear and accurate imaging with a variety of options including essential form factors, 4MP and 2MP resolutions, and lens types to meet your unique security challenges and circumstances.
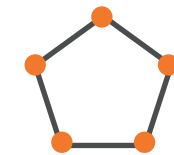
WiseStream II + H.265 Compression

Reduce bandwidth and storage costs through efficient data transmission

120dB True WDR

Backlight compensation provides clear imaging under any lighting conditions
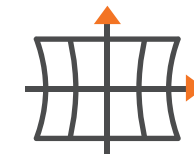
LDC Lens Distortion Correction

Corrects video distortion when using wide-angle lenses

30fps H. 265 — 30fps, H.265 Codec

Smooth 30fps video transmission with H.265 compression technology

IVA Intelligent Video Analytics

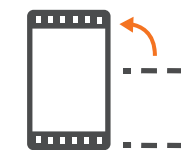Increases situational awareness and alerts operators to abnormal activities in real-time

Hallway View 270° Rotation Support

Supports vertical FoV for monitoring narrow scenes with 90°, 180°, and 270° rotation

4MP and 2MP camera resolution

The Wisenet A series camera line is available in 4MP and 2MP resolution with a variety of fixed and motorized varifocal lens options, producing a clear and crisp image no matter what your surveillance scenario requires.

4MP (2560 x 1440)

2MP (1920 x 1080)

120dB True WDR

True WDR backlight compensation optimizes images captured in difficult lighting situations.

Long Exposure

Short Exposure

WDR ON

Creates optimized WDR image

Realistic image reproduction with LDC

Lens distortion correction technology produces natural-looking images without the distortion often created by conventional camera designs equipped with wide-angle lenses.

LDC OFF

LDC ON
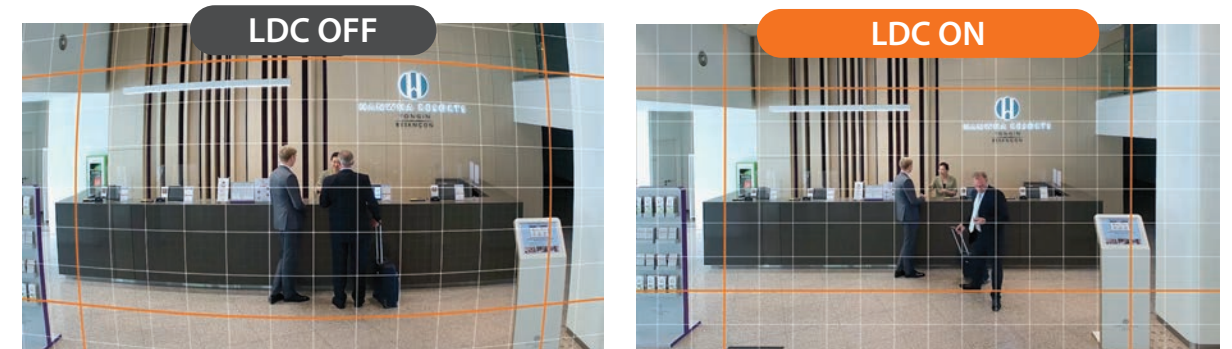
Hallway view mode

By rotating the lens on Wisenet A series cameras by 90°, 180°, or 270°, a vertical field of view may be achieved to help better monitor long corridors or hallways.

Rotate
90°

EOS
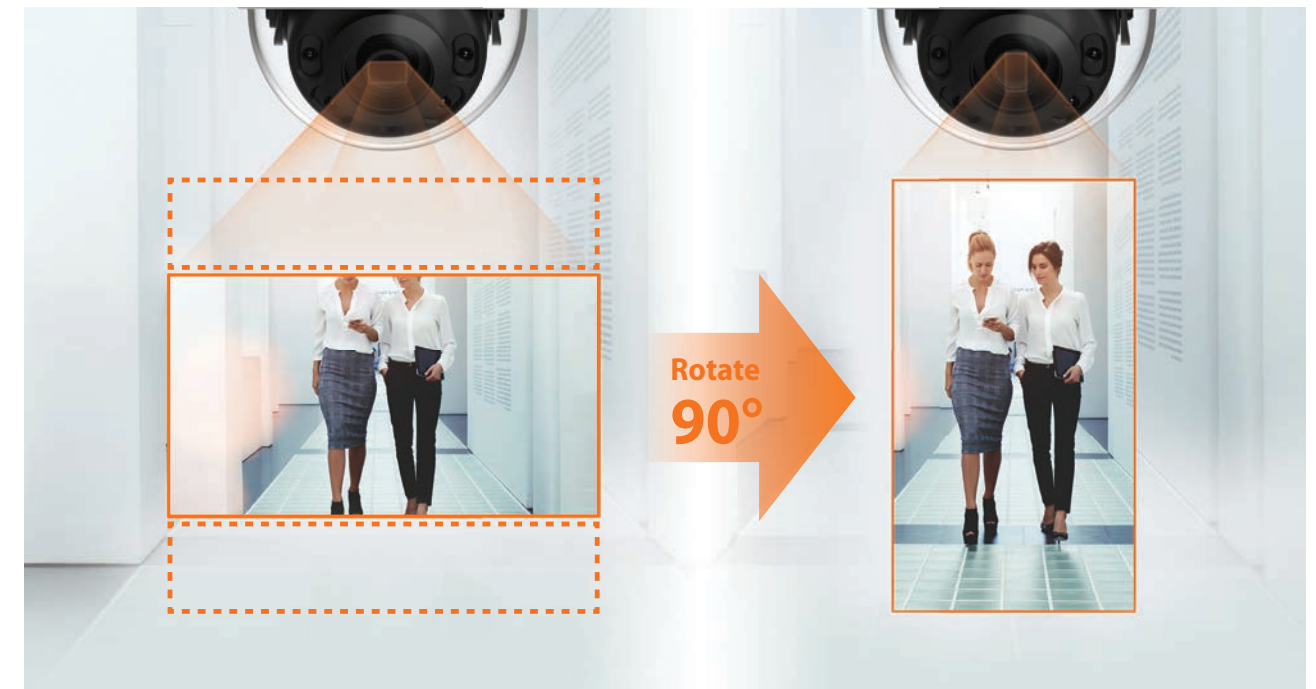
WiseStream II compression technology

Our proprietary compression technology enables storage and bandwidth savings of up to 75% when compared to the use of H.264 compression alone.

7168kbps
WiseStream II off

72kbps
WiseStream II on

30fps real-time video transmission

Wisenet A series cameras in 4MP and 2MP resolution both provide smooth and clear real-time monitoring by transmitting streams at up to 30fps.

30fps

License-free Intelligent Video Analytics

Hanwha Vision's license-free intelligent video analytics technology operates on the edge, alerting operators to abnormal activities in real time. This increase in situational awareness can help to prevent or minimize damage or harm during an event by prompting a rapid and efficient response.

Intelligent Video Analytics

Motion detection - Triggers an event when motion is detected in a designated virtual zone

Tamper detection - Triggers an event if the camera lens is covered or an unauthorized movement that changes the field of view is detected

Virtual line detection - Triggers an alarm when objects are detected crossing a pre-defined virtual line or perimeter

Enter/exit detection - Detection of objects entering or exiting a designated area

Defocus detection - Triggers an event if loss of focus is detected (varies by model)

Affordable high quality NVR solutions

Wisenet A series 4CH, 8CH, and 16CH NVRs support maximum camera resolutions of up to 8MP and H.265, H.264, and MJPEG codecs. The improved installation wizard and 4K resolution monitor output make system setup simple and monitoring crystal clear. Increased accessibility options include the use of P2P connections, the Wisenet Mobile application, and on PC or Mac with Wisenet Viewer CMS.

UHD

UHD Monitoring

4K HDMI Output

H.265

H.265

Advanced compression technology

P2P Connection

Easily connect with QR code

Wisenet Mobile App

Remote monitoring with Android or iOS devices

Wisenet Viewer Compatible

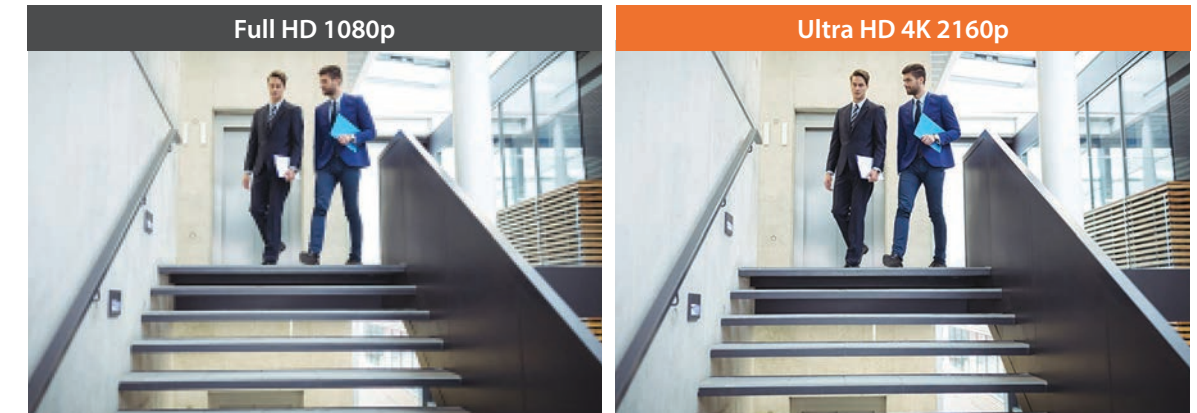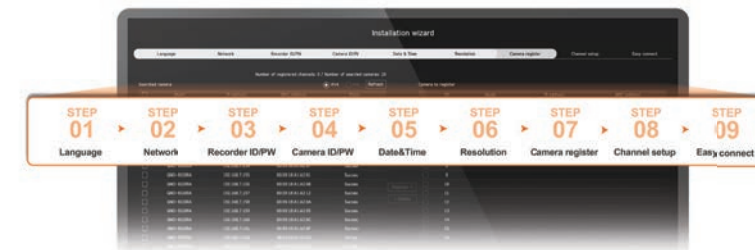Easy system monitoring on Windows or Mac PCs

PoE

Power over Ethernet

Clear monitoring with 4K UHD Monitor Output

UHD (Ultra-high-definition) HDMI support allows users to view clear and high quality images without loss of detail.

Full HD 1080p	Ultra HD 4K 2160p

Simple and easy installation wizard

| STEP 01 Language | STEP 02 Network | STEP 03 Recorder ID/PW | STEP 04 Camera ID/PW | STEP 05 Date&Time | STEP 06 Resolution | STEP 07 Camera register | STEP 08 Channel setup | STEP 09 Easy connect |

Wisenet A series NVRs walk users through the process of setting network, camera, and data and time settings using an easy and intuitive installation wizard.

Seamless access across multiple devices

Users can access their Wisenet A series NVRs on PCs running Windows and macOS via Wisenet Viewer CMS and on Android and iOS devices using the Wisenet Mobile App.
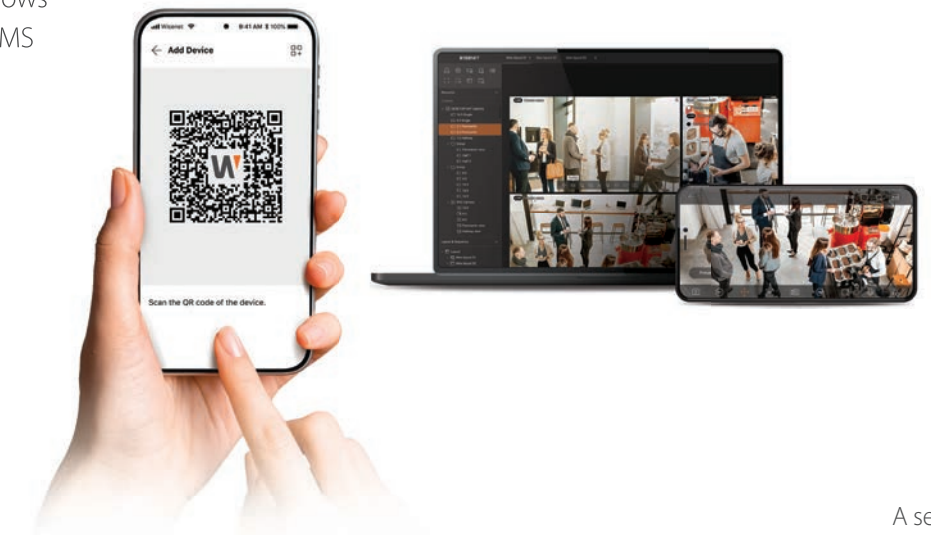
Wisenet A series Camera Models

	Bullet		Vandal Dome		Flateye
	Motorized V/F lens	Fixed lens	Motorized V/F	Fixed lens	Fixed lens
4MP	ANO-L7082R	ANO-L7022R ANO-L7012R	ANV-L7082R	ANV-L7012R	ANE-L7012R
2MP	ANO-L6082R	ANO-L6012R ANO-L6022R	ANV-L6082R	ANV-L6012R ANV-L6023R	ANE-L6012R

Wisenet A series NVR Models

	ARN-410S	ARN-810S	ARN-1610S
Channels	4CH	8CH	16CH
Camera Resolution		8MP ~ CIF	
Protocols		SUNAPI, ONVIF	
Monitor Out	HDMI	HDMI	HDMI
Codecs		H.265, H.264, MJPEG	
Max Recording Bandwidth	40Mbps	60Mbps	80Mbps
HDD Slot	SATA 1ea (6TB Max)	SATA 1ea (6TB Max)	SATA 2ea (12TB Max)
Max Transmission Bandwidth	40Mbps	60Mbps	80Mbps
Web UI		Google Chrome, Microsoft Edge, Mac Safari	
Mobile Platform		Wisenet Mobile App (Android, iOS)	
PC Viewer		Wisenet Viewer CMS (Windows, macOS)	
Easy Configuration		P2P via QR code	
Operating Temperatures		32°F ~ 104°F (0°C ~ 40°C)	
Operating Humidity		20% ~ 85% RH	
Power Input	54VDC / 1.20A	54VDC / 1.67A	100 ~ 240 VAC
Max Power Consumption	52W (1HDD, PoE On)	84W (1HDD PoE On)	188.2W (2HDD, PoE On)
PoE Budget	35W	65W	130W

Wisenet Viewer CMS

Wisenet Viewer is a free standalone application that can monitor and control multiple Wisenet NVR/DVR devices on your network in real-time from your Mac or PC.


Compatible with:

Key Features:

- ☑ Dynamic drag and drop layout panel
- ☑ Custom layouts and device grouping
- ☑ Search and play recorded video
- ☑ Utilize multiple monitors
- ☑ Event trigger and rule management
- ☑ Simple remote connection (DDNS/P2P)

- ☑ Display web pages
- ☑ Play media files in layout
- ☑ Log search (Event, System, and Audit)
- ☑ Advanced user permission management
- ☑ Real-time system monitoring at a glance
- ☑ Built-in AI metadata search

Intuitive User Interface
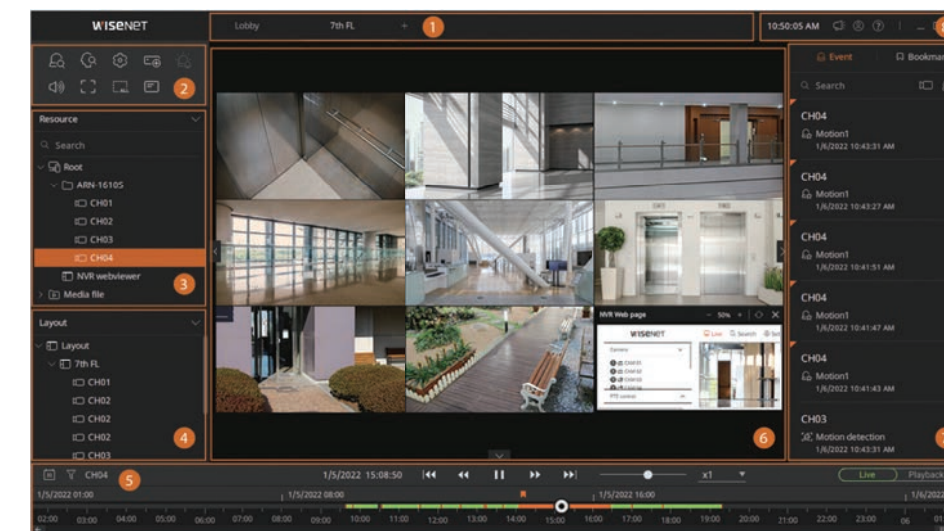
1. Layout tab
2. Function button panel
3. Resource tree
4. Layout tree
5. Timeline panel
6. Layout panel
7. Event panel
8. Information/alarm display