Residential Solutions

200MM DIAMETER

Solutions for increasingly complex developments

The modern residential market has evolved to include mixed use developments combining residential and commercial premises to maximise value and optimise use of space.

Mixed-use projects attract a diverse community with users such as residents, but also customers, and visitors who all have different expectations that require to be managed and prioritised.

At Hanwha Vision we understand that there is no one size fits all and can offer solutions and products that are scalable for small to large scale multi–dwelling unit projects, from cameras to network video recorders, ANPR, intelligent analytics, intercom, multiple viewing platforms and recording solutions.

Highlights

- **Extensive camera range** – to suit residential and commercial tenants' needs and budget.
- **Reduce your infrastructure** – with our series of embedded ethernet ports NVRs and PoE extender cameras.
- **Control of your system with multiple viewing solutions** – simple-to-use workstation interfaces as well as smartphone access.

- **Intelligent analytics** – on-camera embedded data, video and audio analytics.
- **Privacy matters** – area masking and video export with face blurring.
- **We move with Trust** – confidence in the brand with 5 year warranty.

Versatile cameras

Our camera series are designed to meet all size projects and budgets, offering essential features such as vandal and weather proof housings, varifocal lenses, various megapixel resolutions delivering sharp and clear image quality, as well all as advanced features such as video and audio analytics.

- **Optimise your coverage** – from fisheye to multi-sensor cameras reducing the number of conventional cameras required.
- **Clarity and detail** – from dark to bright scenes.
- **Power options** – connect to conventional power source or use network PoE.
- **Bespoke colour finish** – cameras can be professionally sprayed to colour blend with any surface.
- **Intelligent analytics** – on-camera embedded video and audio analytics.
- **Improved bandwidth and storage** – WiseStream II combined with H.265 compression optimises remote streaming over broadband and reduces storage file size saving on hard disk drives.
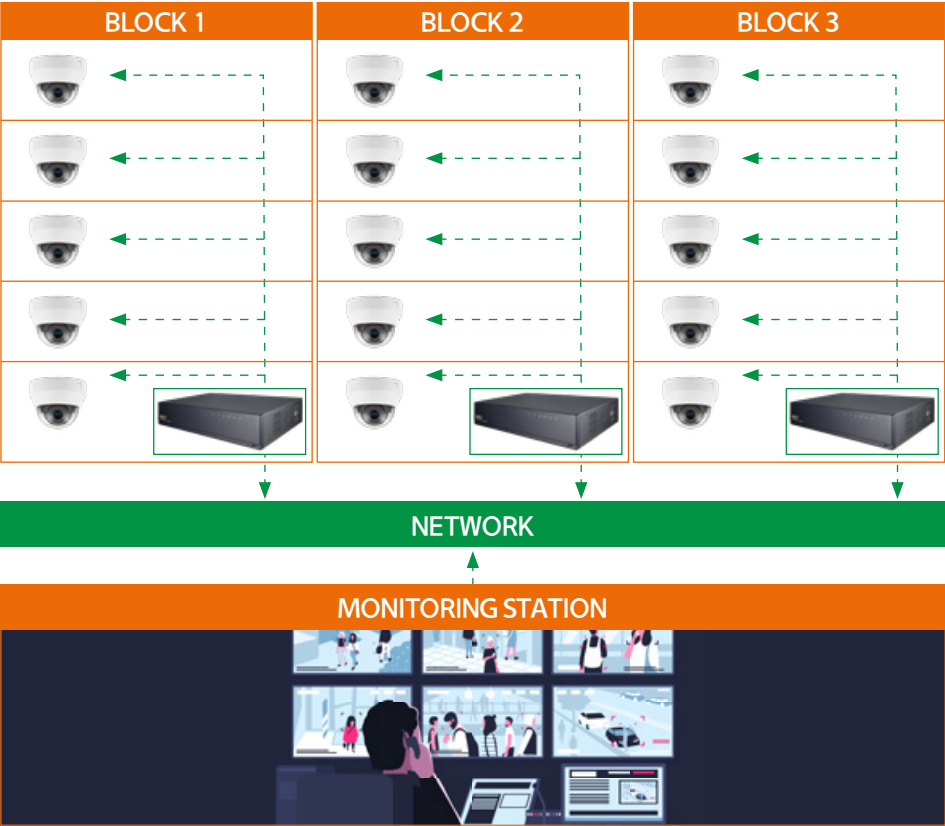
Super Compact Mini Domes	Standard Domes	Fisheye Cameras
Discreet surveillance and lifts	For general internal and external installations	Ideal for large area 360° coverage with a single camera

4ch Mini AI Camera	PTZ Cameras	Bullet Cameras
Discreet solution for 360° coverage	For perimeter monitoring	For external and directional installations

Video recording

Hanhwa Vision can offer multiple storage solutions whether for decentralised installations using multiple NVRs strategically placed in a secure space of each building block or centralised using high density storage servers in a single location.

NVRs key features:

- **Plug and play PoE ports** – no need for dedicated network switch.
- **Multiple channel configuration** – available in 8/16/32/64.
- **Flexible hard drive storage** – with multi-bay configuration.
- **Local monitoring** – over HDMI / VGA ports.
- **Secure access** – encrypted IP connection and multiple user and permission configuration.
- **Smart viewing** – Mobile and PC.

BLOCK 1	BLOCK 2	BLOCK 3

NETWORK

MONITORING STATION

SOLUTIONS

Existing installation?

Moving away from legacy analogue cameras can be a headache due to budget or other complex issues. Pentabrid recorders are designed to enable a quick, seamless and cost-effective migration to an IP network based video surveillance solution.

POWERFUL **TOGETHER**

Our PoE Extender Cameras power each other, so there's no need for multiple power sources.

Reduce your infrastructure requirements with PoE extender cameras

PoE extender cameras offer a cost-effective way to add a camera to an existing system or install a new two camera video surveillance solution. By utilising loop in and out Ethernet connectivity, network switch port allocation is reduced and network cabling requirements are minimised, overall benefiting faster installation time and reducing end-user disruption.

- CCTV Camera system: Pair up PoE Extender camera with another camera.
- CCTV Camera system with IoT device: Pair PoE Extender camera with another device such as Wi-Fi APs, speakers, input/output modules.

SolidEDGE: a serverless VMS on the edge

- Edge-based VMS recording solution
- Cloud video management
- Supports up to 5 additional cameras

SolidEDGE: a serverless VMS on the edge

A true serverless solution, the SolidEDGE camera runs the WAVE VMS on the edge. It meets the growing need for a more efficient and cost-effective video recording solution, without the need for a costly and space-consuming server.

- Designed around energy-saving principles, SolidEDGE delivers a sustainable approach for security and monitoring demands.
- The innovation eliminates the need for expensive servers or IT rack space.
- Up to 30 servers can be merged with SolidEDGE through WAVE Sync.

Smart Video Management System

Wisenet WAVE VMS is powerful yet light and simple with an emphasis on simplified user experience. It uses unique adaptive scaling technology which dynamically switches between the high resolution and low resolution images depending on the CPU usage of the client PC. It is an endlessly customisable IP Video Management platform that gives users the ability to create tailored networked video solutions for any type of project, for use by anyone, on any device.

- **Intuitive and user-friendly** – drag and drop, unlimited number of layouts and resizing.
- **Smart search** – based on video motion and analytics.
- **Multi platform support** – desktops, mobile devices, servers, and low-powered embedded devices.
- **Support for wide range of operating systems** – Windows, Linux, Apple macOS, Apple iOS and Google Android.
- **WAVE Sync** – A cloud-based service which can be remotely accessed.
- **Resilient** – Automatic failover and scheduled or real-time archive backup.
- **Server health monitoring** – real-time dashboard and alerts.
- **Open platform and integrations** – Access to all of our APIs and supporting documents.