



CUSTOMER STORY

Hanwha Cameras Help Keep Istanbul Ferry Passengers Safe

250 Wisenet cameras installed throughout 20 ferries operated by City Lines in Istanbul

With over 166 years' experience with seaports, ships and ferries, City Lines offer comfortable and safe sea transportation services to tourists and those who live and work in Istanbul, Turkey's most populous city. Every day, over 150,000 passengers rely on City Lines services.

Having decided to offer a new ferry service between Istinye and Çubuklu - which are both part of the Istanbul greater metropolitan area located on different sides of the Bosphorus - City Lines asked Istanbul-based security systems integrator InfoMET Technologies, to recommend video surveillance cameras to help keep passengers and the ferries safe and secure. The cameras would be required to cope with sea conditions as well as capture high resolution images day or night.

"Having previously worked with Hanwha Techwin on a number of other projects, we were confident they would be able to provide cameras that would be able to withstand demanding conditions such as salt water and high levels of vibration," said Oguzhan Kahraman, Project Engineer, InfoMET Technologies. "The pre-sales team for Hanwha Techwin in Turkey were extremely helpful and were able to recommend the best Wisenet camera models for each required camera location."

In addition to keeping a close eye on passengers, the Hanwha cameras are used to monitor the movement of some 2,000 vehicles which are transported daily. They also provide a valuable navigational tool for captains who use them to view blind spots that can't be seen from the ship's bridge.

The majority of the 250 cameras installed are Wisenet QNO-7080Rs, which are part of the Wisenet Q series. These 4 Megapixel bullet cameras have built-in IR

illumination for night viewing and are packed with innovative features such as H.265 compression and WiseStream, a complementary compression technology that dynamically controls encoding, balancing quality and compression, according to movement in the image.

When WiseStream is combined with H.265 compression, bandwidth efficiency is improved by up to 75% compared to current H.264 technology, making the Wisenet Q series one of the most bandwidth friendly camera ranges available on the market.

The QNO-7080R cameras also feature Hallway View, True Wide Dynamic Range, Tamper Detection, Defocus Detection, and Lens Distortion Correction, to deliver optimized images in every situation.

Hallway View provides a highly effective way to monitor narrow vertical areas such as corridors, tunnels and aisles. It enables cameras which can generate images in the 9:16 x 3:4 aspect ratio, to work effectively in tall and narrow spaces.

"One of the biggest factors in choosing Wisenet cameras is they do not have any problems in the environments we operate," said Cuneyt Danaci, IT Specialist for City Lines. "Equally important, whilst we did not want to compromise on quality, we needed cameras with a high price/performance ratio. Wisenet came ahead of many other camera brands in respect of price, performance and technology. This is one of the reasons why we are thinking of working with Hanwha Techwin on other new projects in the future."

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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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