

## Wisenet Q, keeping passengers and vehicle safe For Istanbul City Lines Ferries



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### Challenge

With over 166 years experience of seaports, ships and ferries, City Lines offer comfortable and safe sea transportation services to tourists and those who live and work in Istanbul. Over 150,000 passengers use City Lines services every day. Having decided to offer a new ferry service between Istinye and Cubuklu, which are both part of the Istanbul conurbation but on different sides of the Bosphorus, City Lines asked security systems integrator InfoMET Technologies, to recommend video surveillance cameras which could 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.

### Solution

250 Wisenet cameras have been installed throughout 20 City Lines ships. In addition to keeping a close eye on passengers, the cameras are also used to monitor the movement of 2,000 vehicles which are transported daily and are a valuable navigational tool for captains, as they enable them to view blind spots which cannot be seen from the 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 and are packed with innovative features such as H.265 compression and WiseStream, a complementary compression technology

which 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. This ensures the Wisenet Q series is one of the most bandwidth friendly camera ranges available.

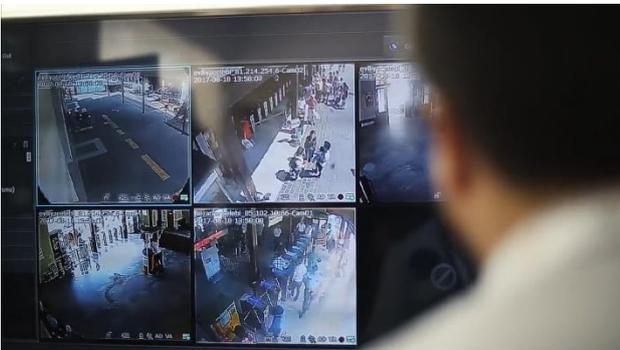
The QNO-7080R also features Hallway View, True Wide Dynamic Range, Tamper Detection, Defocus Detection, and Lens Distortion Correction, to deliver optimized images in every situation.

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

### Result

“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 which had a high price/performance ratio. Wisenet came ahead of many other camera brands in respect of price, performance and technology and it 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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**Partnership in trust is our success key**

“We had worked with Hanwha Techwin on other projects and we were confident they would be able to provide cameras which would be able to deal with the demanding conditions such as salty water vapor and a high level 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.”

**Video Case Study**

[Hanwha Techwin Case Study Video – Turkey](#)

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