



## Bosch toughens up its IP-surveillance product strategy with the EE25 Series™



The Bosch Group is a leading global manufacturer of automotive, industrial and security technologies as well as consumer goods. Surveillance systems are a growing part of its diverse security portfolio, which includes fire security solutions, home alarms, security management and communication systems.

Bosch is leading in the emerging field of IP surveillance with its new VideoJet X family of video encoders, including the VideoJet X10 (single-channel), X20 (2-channel) and X40 (4-channel). These cutting-edge devices combine high quality video, search intelligence and extreme ruggedness – extending CCTV over IP and into the most challenging physical environments.

Bosch is targeting this robust product family at a diverse range of markets and applications, from devices that operate in harsh industrial environments, to heavy traffic conditions, urban city centres and mobile surveillance on trucks and trains.

That's why it needed a hard drive inside that could take whatever was thrown at it: the super-tough EE25 hard drive series from Seagate.

### The EE25: ready for anything.

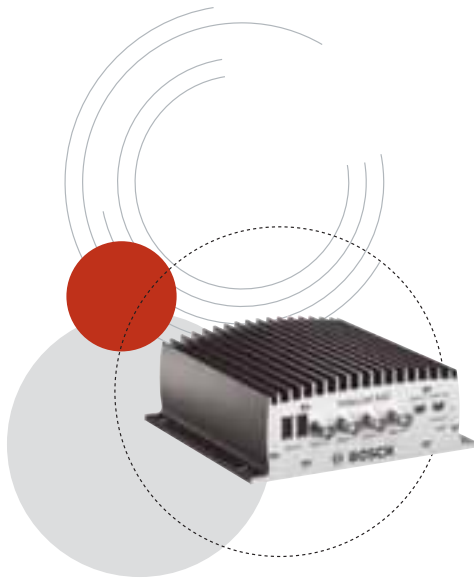
“Our ruggedised VideoJet X family of video encoders are designed for harsh environments with a temperature range that could be anything from -30°C to +60°C. They also need to withstand the kind of extreme vibration found in military environments and record tens of GBs of digital footage at a time.” explained Konrad Simon, the product manager of IP network video for Bosch.

“There are very few suppliers that make the kind of robust hard drive required for this product range.” Simon continued. “Besides being able to withstand extreme temperatures and vibration levels, the hard disk drive needs to be able to do 100% duty cycles on write. We evaluated a number of HDD specs and test reports and did a range of internal tests too.”

The robust Seagate EE25 Series was the clear winner – engineered to operate at temperatures from -30°C up to a searing +85°C, with-standing 2Gs operating vibration and still going strong at altitudes of 5000 metres.

“Only Seagate's EE25 hard drives met all of our technical requirements and proved to be truly excellent quality.”

Konrad Simon, The Bosch Group



### It's easy to see why Bosch choose Seagate

When you're a world leader like Bosch, known for the exceptional performance and reliability of its products, you need to team up with a partner who also takes performance and reliability extremely seriously. Who better than Seagate?

"Only Seagate's EE25 hard drives met all of our technical requirements and proved to be truly excellent quality. Twinned with that, Seagate offered the developers at Bosch the best support for product design and implementation."

Simon says that the product development went quickly and smoothly, with the EE25 demonstrating a remarkable ability to withstand extremes of temperature and vibration at every point in the testing cycle. He couldn't be happier with the outcome.

"In the VideoJet X series, we now have a family of high quality IP surveillance products that provide exactly what we planned for. They are able to be reliably deployed in a whole range of harsh environments and across diverse applications." That's a great IP-surveillance to-market strategy for Bosch, opening up a wealth of new market opportunities for this increasingly popular surveillance technology.

### Looking forward to even higher capacities

Simon is delighted that the second-generation EE25 Series is now available with capacities up to 80GB, meaning that the team can build products with even greater storage capabilities – ideal for IP-surveillance applications. "We're looking forward to integrating these new higher capacity drives into our products."

Seagate's perpendicular recording technology breakthrough means that we will be introducing an even greater capacity with future generations of the EE25 too."

So in a word, how would Simon describe his experience of working with Seagate? "Excellent".

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