

TOSHIBA ANNOUNCES 10TB SURVEILLANCE HARD DRIVE

The MD06ACA-V Series is Toshiba's largest capacity surveillance-class HDD



Singapore — November 28, 2017 — Toshiba Electronic Asia (Singapore), a committed technology leader, announces the MD06ACA-V, the latest addition to its SV Series line-up of 3.5-inch hard drives for surveillance applications. The new models are available in capacities up to 10TB¹ with a higher transfer rate compared to previous MD04ABA-V models, helping to enable support for up to 64 camera² streams. Higher capacity and transfer rates enable support for higher resolution camera streams to meet changing compliance mandates for surveillance data.

¹ We define a megabyte (MB) as 1,000,000 bytes, a gigabyte (GB) as 1,000,000,000 bytes and a terabyte (TB) as 1,000,000,000,000 bytes. A computer operating system, however, reports storage capacity using powers of 2 for the definition of $1\text{TB} = 2^{40} = 1,099,511,627,776$ bytes and therefore shows less storage capacity. Available storage capacity (including examples of various media files) will vary based on file size, formatting, settings, software and operating system and/or pre-installed software applications, or media content. Actual formatted capacity may vary.

² Number of surveillance cameras support capability is defined by performance simulation with High Definition cameras at 10Mbit/s rate. Actual results may vary based on various factors, including the types of cameras installed, the system's hardware and software capabilities, and the video compression technology used, as well as system variables such as resolution, frames per second, and other settings.

The MD06ACA-V Series is designed for 24/7 streaming operation scenarios, and is typically used for surveillance digital video recorders (SDVR), surveillance network video recorders (SNVR) and Hybrid SDVR. The MD06ACA-V Series features 7,200 rpm access performance, and the new 10TB model delivers a 58 percent increase in maximum sustained transfer rate when compared to Toshiba's prior MD04ABA-V series, pushing it to 237MiB/s³. Available in 6TB, 8TB and 10TB capacities, the new models provide a SATA 6Gbit/s interface⁴, with a 256MiB dynamic buffer. Additionally, the MD06ACA-V models support Advanced Format (512e) technology for compatibility with legacy applications and operating environments.

“Our third generation surveillance HDD line-up provides the capacity, performance and reliability needed for today's higher resolution surveillance video streams and longer content retention requirements,” said Osamu Ikeda, General Manager of Sales & Marketing at Toshiba Electronics Asia (Singapore). “The new Toshiba models include RV compensation technology for optimal performance in multi-bay configurations, and provide superior reliability with a mean time to failure (MTTF)⁵ of 1 million hours utilizing a conventional mechanical design.”

For more information on the full line of Toshiba HDD products, please visit:
<http://toshiba.semicon-storage.com/ap-en/product/storage-products.html>.

³ A mebibyte (MiB) means 2²⁰, or 1,048,576 bytes.

⁴ Read and write speed may vary depending on the host device, read and write conditions, and file size.

⁵ MTTF (Mean Time to Failure) is not a guarantee or estimate of product life; it is a statistical value related to mean failure rates for a large number of products which may not accurately reflect actual operation. Actual operating life of the product may be different from the MTTF.

About Toshiba Electronics Asia (Singapore)

Toshiba Electronics Asia (Singapore) is under Toshiba Storage and Electronic Devices Solutions Company, a subsidiary of Toshiba Corporation. TEA was founded in 1990, and is responsible for the sales, marketing and services for Toshiba's wide range of personal storage solutions in Asia Pacific, which includes SD cards, flash drives, external HDDs and SSD. TEA is the best partner to consumers and enterprises, and its mission is to offer the best services and products that embodies the highest quality and cutting-edge technology. To find out more about TEA, visit www.toshibapersonalstorage.asia

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