

Toshiba Unveils Next-Generation S300 Pro Surveillance HDDs for Large-Scale Video Surveillance Systems

– Upgraded series delivers enhanced performance, reliability and power efficiency –

TAIPEI – Taiwan, August 12, 2024 - Toshiba Electronic Components Taiwan Corporation (Toshiba) has announced next-generation S300 Pro Surveillance Hard Disk Drives (HDDs) targeting the latest requirements in the surveillance storage market. With capacities up to 10TB^[1] and double the buffer size of their predecessors^[2], the upgraded HDDs with conventional magnetic recording (CMR) technology enable surveillance system integrators, system installation providers, and end users to record, store and analyse their video streams from up to 64 high-definition (HD) cameras^[3].



The highly scalable, 3.5-inch^[4] S300 Pro series, with capacity options of 4TB, 6TB, 8TB and 10TB, now supports up to 24 bays, and delivers reliable operation even in the most demanding environments, making the HDDs an excellent fit for large-scale video recording systems. Compared to the previous generation, they provide a higher maximum sustained transfer speed of 268MiB/s^[5] and double the cache buffer size to 512MiB^[6]. They also reduce power consumption, delivering improved total cost of ownership (TCO).

With 24/7 operation, an enhanced annual workload of 300TB^[7] and mean time to failure (MTTF) of up to 1.2 million hours^[8], the S300 Pro series can handle the increasing video analysis demands of mission-critical surveillance footage.

“Specially optimized for large-scale video surveillance operations, where advanced video analytics, face tracking and editing are mission-critical features, Toshiba’s next-generation S300 Pro HDDs deliver enhanced performance, durability, and 24/7 reliability,” says Noriaki Katakura, Division President, Storage Products Division, Toshiba Electronics Components Taiwan Corporation. “They demonstrate Toshiba’s commitment to constantly collaborate with industry-leading video surveillance system manufacturers and allow our partners and customers to benefit from the range of high-quality surveillance HDDs in our product portfolio.”

The next-generation S300 Pro Surveillance HDDs is available from August 2024.

For more information about the next-generation Toshiba S300 Pro Surveillance HDDs, please visit:

<https://toshiba.semicon-storage.com/ap-en/storage/product/internal-specialty/surveillance/articles/s300-pro.html>

For more information on Toshiba’s full line of HDD storage products, please visit:

<https://www.toshiba-storage.asia/>

To receive more about our storage solutions, please follow [@ToshibaStorage.Asia](https://www.instagram.com/ToshibaStorage.Asia) on Instagram.

###

^[1] Definition of capacity: One terabyte (TB) = one trillion bytes, but storage capacity actually available may vary depending on operating environment and formatting. 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] Compared to previous generation S300 Pro Surveillance HDDs: HDWT31AUZSVA

^[3] 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, the video compression technology used, and system variables such as resolution, frames per second, and other settings.

^[4] “3.5-inch“ means the form factor of HDDs. They do not indicate drive’s physical size.

^[5] Read and write speed may vary depending on the host device, read and write conditions, and file size.

^[6] A mebibyte (MiB) means 1 048 576 bytes.

^[7] Workload is a measure of the data throughput of the year, and it is defined as the amount of data written, read or verified by commands from the host system.

^[8] MTTF/MTBF (Mean Time to Failure/Mean Time Between Failures) 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. The actual operating life of the product may be different from the MTTF/MTBF.

* Company names, product names, and service names mentioned herein may be trademarks of their respective companies.

* Information in this document, including product prices and specifications, content of services and contact information, is current and believed to be accurate as of the date of the announcement, but is subject to change without prior notice.

About Toshiba Electronic Components Taiwan Corporation (TET)

Toshiba Electronic Components Taiwan Corporation is responsible for the sales and marketing promotion and support of Toshiba hard disk drives and Toshiba External HDDs in Taiwan, China and Southeast Asian countries. TET is the best partner to Enterprise server, storage and notebook computers, and its mission is to offer the best service and products embodying the highest quality and most leading-edge technology. For more information, visit us at:

<http://toshiba.semicon-storage.com/ap-en/product/storage-products.html>

About Toshiba Electronics Asia (Singapore)

Toshiba Electronics Asia (Singapore) (“TEA”) is under Toshiba Electronic Devices & Storage Corporation, 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 storage solutions in Asia Pacific, which includes the Canvio Portable External Hard Drives and Internal Hard Drives. TEA is the best partner to consumers and enterprises, and its mission is to offer the best services and products that embody the highest quality and cutting-edge technology. To find out more about TEA, visit:

<https://toshiba.semicon-storage.com/ap-en/storage.html>

Media Inquiries:

Debra Lin (Ms.)

TET Marketing Group

Tel: +886-2-2508-9988 #621

E-mail: debra1.lin@toshiba.co.jp

Ginny Sim (Ms.)

TEA HDD Division Marketing

Tel: +65 6278 5252

E-mail: ginny1.shen@toshiba.co.jp