

Toshiba Releases Surveillance 6TB HDDs for DVR and NVR Platforms

The DT02-V Surveillance HDD Series, high areal density Surveillance 6TB HDD, offers improved reliability

TAIPEI – Taiwan, December 3rd, 2019 - Toshiba Electronic Components Taiwan Corporation (“Toshiba”) announces the DT02-V Series of Surveillance HDDs, its new series created for digital video recorder (DVR) and network video recorder (NVR) platforms.

The new series utilizes the latest magnetic recording technologies to achieve high areal density, helping



to improve reliability compared to the prior MD04ABA-V Series. With up to 6TB capacity¹, the new DT02-V Series supports a maximum of 32 high-resolution camera streams² and is suitable for use in leading surveillance DVR and NVR platforms with as many as eight drive bays.

“Our latest surveillance HDD family, the DT02-V Series, delivers up to 6TB of storage capacity, and is designed for use with leading surveillance DVR and NVR platforms,” says Takayoshi Tokushima, Senior Manager of Marketing Division at Asia Strategic Alliance, Toshiba Storage Products. “It also provides a variety of capacity options while improving reliability for high resolution surveillance video streams.”

The DT02-V Series is designed for robust 24/7 operation at HDD temperatures as high as 40°C for 600,000 load/unload cycles, at rated workload³ of 180TB a year. Other features include a SATA 6Gbit/s interface⁴ with a 128MiB cache to help minimizing frame drops, and a robust mechanical platform designed to achieve a 1 million-hour MTTF⁵.

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

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[1] Definition of capacity: Toshiba defines 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 two for the definition of 1GB = 2³⁰ = 1 073 741 824 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, such as Microsoft 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 4Mbit/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.

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

[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.

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

* Images displayed in the banners are for illustration purposes only and do not show the actual products. The images are merely intended to help illustrate the function of the products.

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

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>

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