

Video/Surveillance

S300 AI Surveillance Hard Drive

Reliable. Scalable. AI-ready.



24 22 20 18 16 14 10 8
TB TB TB TB TB TB TB TB

Color

The Toshiba S300 AI Surveillance Hard Drive is designed for professional environments and large-scale surveillance infrastructures. Supporting up to 24 TB of storage, it can manage video feeds from up to 64 cameras while delivering real-time AI analytics on 32 simultaneous streams — all without dropping a single frame. Designed for nonstop operation, it ensures smooth capture and analysis of large data volumes — keeping your system responsive and reliable, even under a heavy load.

Use for:

- AI Video Analytics Server and Storage Systems
- Centralized Surveillance Data Storage Systems
- Video Archive and Data Recovery Systems
- Multi-Bay-RAID Storage for Surveillance Data



SATA 3.5" SATA Hard Drive

RPM 7200 rpm

512/1024 MB buffer

24/7 24/7 operation

OptiFrame™ AI Technology

Supports up to 64 video cameras

Supports up to 32 AI Streams

550TB/Workload

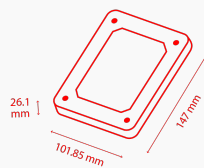
5 year warranty

Manual

[Canvio-Basics-UBS-C_UM_barrierfree_050126.pdf](#)



Product Specifications



Basic Specifications

Form factor	3,5-inch
Interface	SATA 6 Gbit/s
Number of cameras supported	64
RoHS compatible	yes
Halogen Free	Yes

Reliability

Limited warranty	5 years
24/7 operation	yes
Unrecoverable error rate	1 per 10 ¹⁵ bits read

Performance

Buffer size	512/1024 MB
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Product Range

Part number	Capacity	Color
MG11ACA24TE-V	24 TB	-
MG11ACA22TE-V	22 TB	-
MG11ACA20TE-V	20 TB	-
MG11ACA18TE-V	18 TB	-
MG11ACA16TE-V	16 TB	-
MG11ACA14TE-V	14 TB	-
MG10ADA10TE-V	10 TB	-
MG10ADA800E-V	8 TB	-

Logistical Information:

Box dimensions	n/A
Box weight (gross)	n/A
Master carton dimensions	321 x 406 x 213 (6 TB SMR, 4 TB SMR, 2 TB SMR) 410 x 308 x 228 (4 TB CMR)
Master carton weight (gross)	6TB SMR, 4 TB SMR, 4 TB CMR, 2 TB SMR: 16 kg (typ.)
Boxes per master carton	20
Pallet dimensions	n/A
Pallet weight (net)	n/A
Units per pallet	720 (6 TB SMR, 4 TB SMR, 4 TB CMR, 2 TB SMR)

Contact

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