

Internal Hard Drives

V300

Stream. Record. Edit.



3 2 1 500
TB TB TB GB

Color



Toshiba's 3.5-inch V300 Video Streaming Hard Drive with up to 3 TB lets you stream, record, edit and play video content on DVR, TV or NVR – with all the efficiency and reliability you need. A 64 MB buffer helps deliver smooth performance, while temperature control technology limits heat buildup, extending service life for added reliability. A drive that's quiet and more efficient than ever, thanks to Toshiba's Silent Seek Technology, and reduced energy consumption.

Use for:

- Video Editing Systems
- Set-Top-Box (STB)
- Digital Video Recorders (DVR)
- Network Video Recorders (NVR)
- Video Surveillance Systems



- SATA** 3.5" SATA Hard Drive
-  64 MB buffer
- 24/7 operation
- Toshiba Silent Seek Technology
- Temperature control

Manual

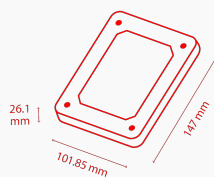
[Toshiba_Installation_and_Safety.pdf](#) 

Tools

[TOSHIBA_Storage_Diagnostic_Tool.zip](#) 



Product Specifications



Basic Specifications

Form factor	3.5-inch
Interface	6.0 Gbit/s
Number of cameras supported	up to 8
Drive bays supported	4
Advanced Format (AF)	Yes
RoHS compatible	Yes
Halogen Free	Yes
Shock Sensor	Yes

Performance

Rotational speed	5940 rpm (3 TB), 5700 rpm (500 GB - 2 TB)
Buffer size	64 MB
Native Command Queing (NCQ)	Supported

Reliability

Workloads	72 TB/year
Unrecoverable error rate	1 per 10E14 bits read
24/7 operation	Yes

Load / Unload Cycle	300.000
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Power Management

Supply voltage	5V DC $\pm$ 5%; 12V DC $\pm$ 10%
Consumption - Read/Write	5.40 W typ. (3 TB), 4.70 W typ. (2 TB), 5.70 W typ. (500 GB, 1 TB)
Consumption - Low Power Idle	4.20 W typ. (3 TB), 3.30 W typ. (2 TB), 3.00 W typ. (500 GB, 1 TB)

Environmental

Temperature (operating / non-operating)	0 - 65° C / -40 - 70° C
Vibration (operating)	0.67 G (5 to 500 Hz)
Vibration (non-operating)	1.04 G (2 to 200Hz)
Shock (operating)	70 G / 2 ms duration
Shock (non-operating)	300 G / 2 ms half sine
Acoustics (idle mode)	24 dB typ. (3 TB), 22 dB typ. (2 TB), 19 dB typ. (500 GB - 1 TB)

Physical

Dimensions	147 (L) x 101.85 (W) x 26.1 (H) mm
Weight (approx.)	680 g max. (2 TB, 3 TB), 450 g max. (500 GB, 1 TB)

Box Content

Box Content	3.5-inch internal HDD - V300 Video Streaming Hard Drive
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Product Range

Part number	Capacity	Color
HDWU130UZS5A (Bulk)	3 TB	-
HDWU120UZS5A (Bulk)	2 TB	-
HDWU110UZS5A (Bulk)	1 TB	-
HDWU105UZS5A (Bulk)	500 GB	-

Logistical Information:

Box dimensions	n/A
Box weight (gross)	n/A
Master carton dimensions	321 x 406 x 213 mm
Master carton weight (gross)	16 kg (typ.), 11 kg (typ.) (1TB, 500GB)
Boxes per master carton	20
Pallet dimensions	n/A
Pallet weight (net)	n/A
Units per pallet	720

Contact

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