

## Video/Surveillance

# S300 Pro Surveillance Hard Drive

Capture every detail



10 8 6  
TB TB TB

Color

EMEA Region, Toshiba Storage Solutions - The 3.5-inch S300 Pro Surveillance Hard Drive is designed and tested for 24/7 reliable surveillance, built for speed, capacity, and longer content retention. Capture and analyse every frame from up to 64 video cameras in high resolution with the S300 Pro. Space is important to continually capture a history of video evidence over a period of time. With up to 10 TB you get the capacity to record and play back the events in real-time in high resolution and with object identification and face recognition.


Use for:

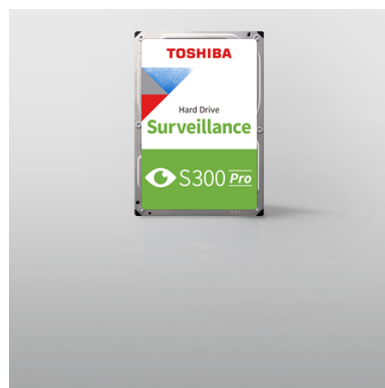
- Surveillance Digital Video Recorders (sDVR)
- Surveillance Network Video Recorders (sNVR)
- Hybrid sDVR (analog and IP)
- RAID Storage Arrays for Surveillance



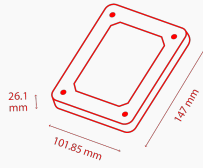
- SATA** 3.5" SATA Hard Drive
- RPM** 7200 rpm
- Buffer** 256 MB buffer
- 24/7** 24/7 operation
- Cameras** 64 video cameras
- Warranty** 3-year warranty
- Design** High-endurance design

## Manual

[Toshiba Installation and Safety.pdf](#) 



# Product Specifications



## Basic Specifications

<b>Form factor</b>	3.5-inch
<b>Interface</b>	6.0 Gbit/s
<b>Number of cameras supported</b>	64 (6 TB - 10 TB),
<b>Drive bays supported</b>	8+ (6 TB - 10 TB),
<b>Rotational Vibration (RV) Sensors</b>	Yes
<b>Advanced Format (AF)</b>	Yes
<b>RoHS compatible</b>	Yes
<b>Halogen Free</b>	Yes
<b>Shock Sensor</b>	Yes

## Performance

<b>Rotational speed</b>	7,200 rpm (6 TB - 10 TB),
<b>Max. data transfer speed (sustained)</b>	248 MB/s Typ. (10 TB) 241 MB/s Typ. (6 TB, 8 TB)
<b>Buffer size</b>	256 MB (6 TB - 10 TB)
<b>Average latency</b>	4,17 ms (6 TB - 10 TB)
<b>Native Command Queing (NCQ)</b>	supported

## Reliability

<b>Workloads</b>	180 TB/year (6 TB - 10 TB)
<b>MTTF</b>	1.000.000 hours
<b>Unrecoverable error rate</b>	1 per 10E14 bits read

## Physical

<b>Weight (approx.)</b>	770 g max.
<b>Dimensions</b>	147(L) x 101.85(W) x 26.1(H)mm

## Environmental

<b>Acoustics (idle mode)</b>	34 dB typ.
<b>Shock (non-operating)</b>	250 G / 2 ms duration (6 TB - 10 TB),
<b>Shock (operating)</b>	70 G / 2 ms duration
<b>Vibration (operating)</b>	0.75 G (5 to 300 Hz) 0.25 G (300 to 500 Hz)
<b>Temperature (operating / non-operating)</b>	0 - 70° C / -40 - 70° C

## Power Management

<b>Consumption - Active Idle</b>	7.15 W typ. (10 TB), 6.33 W typ. (8 TB), 5.59 W typ. (6 TB)
<b>Consumption (operating)</b>	9.48 W typ. (10 TB) 8.61 W typ. (8 TB) 7.88 W typ. (6 TB)
<b>Supply voltage</b>	5V DC +6/-5%; 12V DC ±10% (6TB - 10TB)

## Reliability

<b>Limited warranty</b>	3 years
<b>Load / Unload Cycle</b>	600.000

# Product Range

Part number	Capacity	Color
HDWT31AUZSVA (Bulk)	10 TB	-
HDWT380UZSVA (Bulk)	8 TB	-
HDWT360UZSVA (Bulk)	6 TB	-

