



# S300 Pro Surveillance Hard Drives

#### Built tougher to protect

Elevate your security solutions with the Toshiba S300 Pro Surveillance Hard Drive. Engineered for relentless reliability, it offers up to a massive 10 TB storage capacity to capture and retain every critical moment for long periods with real-time object identification and face recognition. Accommodating up to 64 video cameras, it's ideal for comprehensive surveillance setups. Benefit from high-end drive performance that delivers superior video quality and seamless streaming. Built to the highest quality standards, you'll have peace of mind knowing that your surveillance footage is stored securely.

#### Use for

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

#### **Top Features**

- SATA 3.5" SATA Hard Drive
- **RPM** 7,200 rpm
- 512 MB buffer
- 😴 Up to 64 cameras
- 24/7 24/7 operation
- (5) 5-year warranty

#### Capacities

10	8	6	4
ΤВ	ΤВ	ΤВ	ΤВ

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## S300 Pro Surveillance Hard Drive – 10 TB

Retail Number	n/a
Bulk Number	MD10ADA10TV
Basic Specifications	
Form factor	3.5-inch
Interface	SATA 6.0 Gbit/s
Recording Technology	CMR
Number of cameras supported	64
Drive bays supported	24
Rotational Vibration (RV) Sensors	yes
Shock Sensor	yes
Advanced Format (AF)	yes
RoHS compatible	yes
Halogen free	yes
Performance	
Rotational speed (rpm)	7,200
Max. data transfer speed (sustained MB/s Typ.)	281
Buffer size (MB)	512
Reliability	
Workloads (TB/year)	300
MTTF (hours)	1,200,000
Unrecoverable error rate	1 per 10^14
24 x 7 operation	yes
Load/Unload cycle	600,000
Limited warranty (years)	5
Power Management	
Supply voltage	5 VDC +10 / -7 % 12 VDC ±10 %
Consumption (operating)	9.07 W typ.
Consumption (active idle)	5.74 W typ.
Environmental	
Temperature	0 to 65 °C
(operating/non-operating)	-40 to 70 °C
Vibration (operating)	7.35 m/s2 {0.75 G} (5 to 300 Hz) 2.45 m/s2 {0.25 G} (300 to 500 Hz)
Vibration (non-operating)	29.4 m/s2 {3.0 G} (5 to 500 Hz)
Shock (operating)	686 m/s2 {70 G} (2 ms duration)
Shock (non-operating)	2,450 m/s2 {250 G} (2 ms duration)
Acoustics (idle mode)	34 dB typ.
Physical	

Dimensions	147 (L) × 101.85 (W) × 26.1 (H) mm
Weight	755 g

# S300 Pro Surveillance Hard Drive – 10 TB

Retail Number	n/a
Bulk Number	MD10ADA10TV
Logistic Information (Bulk)	
Master Carton quantity	20 pcs
Master Carton size	410 (L) x 308 (W) x 228 (H) mm
Master Carton Weight	17 kg
Pallet quantity per layer	120 pcs
Number of Layer	5 layer
Pallet quantity	600 pcs
Pallet size	870 (L) x 970 (W) x 1,272 (H) mm
Pallet weight	510 kg
Country of Origin	Philippines

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## S300 Pro Surveillance Hard Drive – 8 TB

Retail Number	n/a	
Bulk Number	MD10ADA800V	
Basic Specifications		
Form factor	3.5-inch	
Interface	SATA 6.0 Gbit/s	
Recording Technology	CMR	
Number of cameras supported	64	
Drive bays supported	24	
Rotational Vibration (RV) Sensors	yes	
Shock Sensor	yes	
Advanced Format (AF)	yes	
RoHS compatible	yes	
Halogen free	yes	
Performance		
Rotational speed (rpm)	7,200	
Max. data transfer speed (sustained MB/s Typ.)	281	
Buffer size (MB)	512	
Reliability		
Workloads (TB/year)	300	
MTTF (hours)	1,200,000	
Unrecoverable error rate	1 per 10^14	
24 x 7 operation	yes	
Load/Unload cycle	600,000	
Limited warranty (years)	5	
Power Management		
Supply voltage	5 VDC +10 / -7 % 12 VDC ±10 %	
Consumption (operating)	9.07 W typ.	
Consumption (active idle)	5.74 W typ.	
Environmental		
Temperature	0 to 65 °C	
(operating/non-operating)	-40 to 70 °C	
Vibration (operating)	7.35 m/s2 {0.75 G} (5 to 300 Hz) 2.45 m/s2 {0.25 G} (300 to 500 Hz)	
Vibration (non-operating)	29.4 m/s2 {3.0 G} (5 to 500 Hz)	
Shock (operating)	686 m/s2 {70 G} (2 ms duration)	
Shock (non-operating)	2,450 m/s2 {250 G} (2 ms duration)	
Acoustics (idle mode)	34 dB typ.	
/ leodotico (late mode)		

Dimensions	147 (L) x 101.85 (W) x 26.1 (H) mm
Weight	755 g

## S300 Pro Surveillance Hard Drive – 8 TB

Retail Number	n/a
Bulk Number	MD10ADA10TV
Logistic Information (Bulk)	
Master Carton quantity	20 pcs
Master Carton size	410 (L) x 308 (W) x 228 (H) mm
Master Carton Weight	17 kg
Pallet quantity per layer	120 pcs
Number of Layer	5 layer
Pallet quantity	600 pcs
Pallet size	870 (L) × 970 (W) × 1,272 (H) mm
Pallet weight	510 kg
Country of Origin	Philippines

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## S300 Pro Surveillance Hard Drive – 6 TB

Retail Number	n/a
Bulk Number	MD10ADA600V
Basic Specifications	
Form factor	3.5-inch
Interface	SATA 6.0 Gbit/s
Recording Technology	CMR
Number of cameras supported	64
Drive bays supported	24
Rotational Vibration (RV) Sensors	yes
Shock Sensor	yes
Advanced Format (AF)	yes
RoHS compatible	yes
Halogen free	yes
	300
Performance	
Rotational speed (rpm)	7,200
Max. data transfer speed (sustained MB/s Typ.)	281
Buffer size (MB)	512
Reliability	
Workloads (TB/year)	300
MTTF (hours)	1,200,000
Unrecoverable error rate	1 per 10^14
24 x 7 operation	yes
Load/Unload cycle	600,000
Limited warranty (years)	5
Power Management	
Supply voltage	5 VDC +10 / -7 % 12 VDC ±10 %
Consumption (operating)	8.19 W typ.
Consumption (active idle)	4.92 W typ.
Environmental	
Temperature	0 to 65 °C
(operating/non-operating)	-40 to 70 °C
Vibration (operating)	7.35 m/s2 {0.75 G} (5 to 300 Hz) 2.45 m/s2 {0.25 G} (300 to 500 Hz)
Vibration (non-operating)	29.4 m/s2 {3.0 G} (5 to 500 Hz)
Shock (operating)	686 m/s2 {70 G} (2 ms duration)
Shock (non-operating)	2,450 m/s2 {250 G} (2 ms duration)
Acoustics (idle mode)	34 dB typ.
Physical	
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Dimensions	147 (L) × 101.85 (W) × 26.1 (H) mm
Weight	730 g

## S300 Pro Surveillance Hard Drive – 6 TB

Retail Number	n/a
Bulk Number	MD10ADA600V
Logistic Information (Bulk)	
Master Carton quantity	20 pcs
Master Carton size	410 (L) x 308 (W) x 228 (H) mm
Master Carton Weight	16 kg
Pallet quantity per layer	120 pcs
Number of Layer	5 layer
Pallet quantity	600 pcs
Pallet size	870 (L) × 970 (W) × 1,272 (H) mm
Pallet weight	495 kg
Country of Origin	Philippines

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## S300 Pro Surveillance Hard Drive – 4 TB

Asic Specifications           From factor         5-inch           From factor         5-inch           Rending Technology         OAR           Rendoming Technology         OAR           Number of camces supported         64           Dive bays supported         64           Rendoming Technology         0.44           Rendoming Technology         94           Rendoming Technology         12000           Rendoming Technology         12000           Unrecoverable error rate         12000           Unrecoverable error rate         12000           Variant (Rendoming Technology         500C+10/-74%           Ladd/Unload cycle         6000000           Unrecoverable error rate         12000           <	Retail Number	n/a	
form bactor         3.5 inch           itsterbace         SNR ball SOLVS           Recording Technology         ONR Ball           Number of cameras supported         64           One bays supported         945           Recording Technology         945           Shack Stroot         945           Advanced Formst &AF)         945           Rel Scompatble         945           Advanced Formst &AF)         945           Rel Scompatble         941           Scolubator MIKP, Styphol         350           Rel Scompatble         941           Workland (TB/yeer)         360           Lador (HB/yeer)         360           Lador (HB/yeer)         360           Consumption (Advator)         945           Scop	Bulk Number	MD10ADA400EV	
interface         SATA B.O. Gbt/s           Recording Exchendagy         CMR           Number of camerals supported         94           Retational Withouton (RW) Sensors         945           Shack Sensor         945           Retational Withouton (RW) Sensors         945           Retational Withouton (RW) Sensors         945           Relational Withouton (RW) Sensors         945           Relational Sensor (RW)         281           Relational Sensor (RW)         300           MTTF floural)         300           MTTF floural)         1020000           Unrecoverable error rate         1000000           Load/United versor         35           Supply voltage         SVDC 10/174% <td< td=""><td>Basic Specifications</td><td></td><td></td></td<>	Basic Specifications		
Recording Technology         CMR           Number of cameras supported         64           Relational Work days supported         24           Relational Work on (RM) Sensors         988           Relational Work days supported         985           Shock Sensor         988           Advanced Format (AP)         985           Relational Speed (pm)         985           Relational speed (pm)         7,200           Max. data tamSer speed (sustance MAP, Typ)         211           Relational Speed (pm)         512           Relational Speed (pm)         300           Max. data tamSer speed (sustance MAP, Typ)         300           Relational Speed (pm)         900           Verklastist (FR)erk)         300	Form factor	3.5-inch	
Number of cameras supported         64           Drive bays supported         24           Norke bays supported         24           Rotational Walkering (KV) Sensors         945           Shock Sensor         945           Advanced Format (AP)         945           Hallogen free         945           Performance         945           Rotational Walkering (KV)         945           Rotational Speed (Fm)         7,200           Mark data transfer speed (Saction (MV)? Typ.)         81           Belfer size (NB)         512           Rotational Speed (Fm)         512           Rotational Speed (MV)? Typ.)         900           Buffer size (NB)         512           Verfabolity         900           Vertational Speed (FM)         300           Unrecoverable error rate         1 per 1014           24 AT operation         945           Dever Management         5           Supply voltage         SUDC +10 / 7 8%           Consumption (perating)         7.429 MV p.           Consumption (perating)         7.429 MV p.           Consumption (perating)         2/35 m/32 (10 - 6 (5 to 300 Hz)           Verbation (operating)         2/45 m/32 (130 - 6)	Interface	SATA 6.0 Gbit/s	
Drive bays supported         24           Rotational Whatloin (RV) Sensors         9x5           Shock Sensor         9x5           RotHS compatible         9x8           Hallogen fired         9x8           Performance         9x8           Rotational speed (rpm)         7.200           Max data transfer speed         881           Gostanton MIS/ Typ.)         881           Buffer size (MB)         512           Performance         881           Rotational speed (rpm)         7.200           Max data transfer speed         881           Gostanton MIS/ Typ.)         981           Performance         881           Rotational (Speed (rpm)         7.200           Max data transfer speed         881           Gostanton MIS/ Typ.)         910           Power Management         1200.000           Unrecoverable error rate         1207.001           Unrecoverable error rate         1200.000           Limited warranty (years)         5           Power Management         5           Supply voltage         5/00C - 10/-7.7 %           Consumption (operating)         7.42 W typ.           Consumption (operating)         7.42 W typ. <td>Recording Technology</td> <td>CMR</td> <td></td>	Recording Technology	CMR	
Relational Wibration (RV) Sensors         yes           Shock Sensor         ys5           Advanced Format (AF)         ys5           RoH5 compatble         ys5           Performance         ys5           RoH5 compatble         ys5           Performance         281           Sustained M8/s Typ.)         281           Buff risk (M6)         512           Reliability         300           Workloads (T6 Jycar)         300           Intercoverable error rate         1 per 10*14           24 x 7 operation         yes           Load/Unload cyclo         5 00000           United warrank (years)         5           Power Management         5 120 YEC *10 / -7 %           Supply voltage         5 120 YEC *10 / -7 %           Consumption (operating)         7.42 W typ.           Consumption (operating)         7.45 ms2 (0 x 5 (0 x 500 Hz)           Consumption (operating)         10 to 65 °C (-10 x 40 to 10 °C	Number of cameras supported	64	
Shock Sensor         yes           Advanced Format (AF)         yes           Advanced Format (AF)         yes           Rolts Compatible         yes           Halogen free         yes           Performance         yes           Rotational speed (rpm)         7.200           Max data transfer speed         gasta           (sustained MB/s Typ.)         281           Buffer size (NB)         512           Reliability         300           Workloads (TB/year)         300           TTF (hours)         1.200,000           Urrescoverable error rate         1.per 10°14           24 x 7 operation         yes           Consumption (operating)         5           Power Management         500000           Supply woltage         5.0002 + 10 / - 7.46           212 VOC ± 10 %         212 VOC ± 10 %           Consumption (operating)         7.42 W yp.           Consumption (operating)         7.42 W yp.           Consumption (operating)         7.45 m/s2 (0.5 (0.5 to 300 Hz))           Yuiration (operating)         7.45 m/s2 (0.7 5 (0.5 to 300 Hz))           Yuiration (operating)         7.45 m/s2 (0.7 5 (0.5 to 300 Hz))           Yuiration (operating)         2.84 m/s2	Drive bays supported	24	
Advanced Format (AF)         yes           RoFS compatible         yes           Halogen free         yes <b>Performance</b> yes           Rotational speed (pm)         7,200           Max, data transfer speed         281           (sustained MB/s Typ.)         512           Reliability         512           Verformance         300           NTTF (hours)         1,200,000           Unrecoverable error rate         1 per 10°14           24 x 7 operation         yes           Consumption (apretage)         5 VOIC +10 /-7 %           Supply voltage         5 VOIC +10 /-7 %           Supply voltage         5 VOIC +10 /-7 %           Consumption (apretage)         7.42 W typ.           Consumption (apretage)         24.47 n/2 (20.61) (20.00 Stot Ho)           Vertation (operating)         2.45 m/2 (20.56) (50.00 Stot Ho)           Vertation (operating)         2.45 m/2 (20.61) (20.00 Stot Ho)           Vertation (operating)         2.45 m/2 (20.61) (20.00 Stot Ho)           Vertation (ono-operating)         2.45 m/2 (20.61) (2	Rotational Vibration (RV) Sensors	yes	
RoHS compatible         yes           Halogen free         yes           Performance	Shock Sensor	yes	
Halogen free         yes           Performance         Rotational speed (rpm)         7.200           Max. data transfer speed (scistarine Mk7, Typ.)         281           Buffer size (MB)         281           Buffer size (MB)         512           Reliability         300           Workloads (TU/year)         300           Intercoverable error rate         1.200.000           Unrecoverable error rate         1.200.000           Unrecoverable error rate         1.000.00           Unrecoverable error rate         600,000           Limited warrany (years)         5           Ower Management         5           Supply voltage         5 VDC+10 / -7 % 12 VDC 10 %           Consumption (operating)         7.42 W typ.           Consumption (active idle)         4.14 W typ.           Environmental         10 to 5 °C -40 to 70 °C (operating/non-operating)           Vibration (operating)         7.25 my/s2 (0.75 G (5 to 300.Hz) (S to 50 oHz)           Vibration (non-operating)         7.25 my/s2 (0.75 G (5 to 300.Hz) (S to 50 oHz)           Shock (operating)         (24 Sto m/s2 (250 G) (2 ms duration)           Shock (operating)         24.40 ms/s2 (250 G) (2 ms duration)           Shock (operating)         24.50 m/s2 (250 G) (2 ms duration) </td <td>Advanced Format (AF)</td> <td>yes</td> <td></td>	Advanced Format (AF)	yes	
Performance           Rotational speed (pm)         7,200           Max. data transfer speed (statalined WB/S Typ).         281           Biffer size (MB)         512           Biffer size (MB)         512           Workladds (TB/Sean)         300           Morkladds (TB/Sean)         300           Morkladds (TB/Sean)         1,200,000           MTTE (hours)         1,200,000           Unrecoverable error rate         0           24 7 operation         9           Load/Unload cycle         0<00,000	RoHS compatible	yes	
Retational speed (tym)         7,200           Max. data transfer speed (sustained MB/S Typ.)         281           Buffer size (MB)         512           Retability         300           Workloads (TB/year)         300           MTTF (hours)         1,200,000           Urrecoverable error rate         1,200,000           Variation (String)         5           Ower Management         5           Supply voltage         5 12 VOC ±10 /-7 %           Consumption (operating)         7.42 W typ.           Consumption (setive idle)         4.14 W typ.           Environmental         40 to 70 °C           Vibration (operating)         7.25 m/s2 (0.75 G1 (Sto 300 Hz) 2.45 m/s2 (0.75 G1 (Sto 300 Hz)           Vibration (operating)         10 to 65 (Sto 300 Hz)           Vibration (operating)         10 to 65 (Sto 300 Hz)           Stock (operating)         10 to 65 (Sto 300 Hz)           Stock (operating)         10 to 65 (Sto 300 Hz)           Stock (non-operating)	Halogen free	yes	
Max. data transfer speed (sustained MB/s Typ.)         281           Buffer size (MB)         512           Peliability         300           Workloads (TB/year)         300           Max. (TB (year)         300           Unrecoverable error rate         1 per 10^N4           24 x 7 operation         yes           Load/Unload cycle         6600,000           Limited warranty (years)         5           Power Management         5           Supply voltage         5 VDC +10 /-7 % 12 VDC +10 %           Consumption (operating)         7.42 W typ.           Consumption (operating)         7.42 W typ.           Consumption (operating)         4.14 W typ.           Environmental         24.57 m/s2 (0.55 (0.50 30 Hz)           Vibration (operating)         2.25 (1.50 00 Hz)           Vibration (operating)         2.45 m/s2 (0.57 (0.51 (0.50 30 Hz))           Shock (operating)         (5 to 500 Hz)           Shock (operating)         666 m/s2 (170 6.)           Shock (non-operating)         2.64 on ry62 (250 G.)           Shock (non-operating)         2.64 on ry62 (250 G.)           Shock (non-operating)         3.48 Hyp.	Performance		
(sustained MB/s Typ.)         201           Buffer size (MB)         512           Reliability         300           Worklads (TB/year)         300           MTF (hours)         1,200,000           Unrecoverable error rate         1,200,000           Unrecoverable error rate         0           24 x 7 operation         yes           Load/Unload cycle         6600,000           Limited warranty (vers)         5           Power Management         5           Supply voltage         5/VDC ±10 /-7 %           Consumption (operating)         7.42 W typ.           Consumption (operating)         4.14 W typ.           Consumption (operating)         0 to 65 °C           (operating/non-operating)         0 to 65 °C           (operating/non-operating)         0 to 65 °C           (operating/non-operating)         10 to 65 °C           (operating	Rotational speed (rpm)	7,200	
Reliability           Worklads (TB/year)         300           MiTE (fours)         1,200,000           Unrecoverable error rate         1 per 10°14           24 x 7 operation         yes           Load/Unload cycle         6600,000           Limited warranty (years)         5           Power Management         5           Supply voltage         5 VDC +10 / -7 %           Consumption (operating)         7.42 W typ.           Consumption (operating)         7.42 W typ.           Consumption (operating)         7.42 W typ.           Environmental         1           Temperature (operating)         0 to 65 °C           (operating/non-operating)         2.45 m/s2 (0.25 G) (300 Hz)           Vibration (non-operating)         2.45 m/s2 (0.25 G) (300 S00 Hz)           Vibration (non-operating)         2.45 m/s2 (0.25 G) (300 S00 Hz)           Shock (operating)         (5 to 500 Hz)           Shock (operating)         2.45 m/s2 (0.25 G) (300 S00 Hz)           Shock (operating)         2.45 m/s2 (0.25 G)           Shock (operating)         2.45 m/s2 (0.25 G)           Shock (operating)         2.45 m/s2 (0.25 G)           Shock (non-operating)         2.45 m/s2 (0.25 G)           Shock (idle mode)         3	Max. data transfer speed (sustained MB/s Typ.)	281	
Workloads (TB/year)         300           MTTF (hours)         1,200,000           Unrecoverable error rate         1 per 10^14           24 x 7 operation         yes           Load/Unload cycle         600,000           Limited warranty (years)         5           Power Management           Supply voltage         5 VDC +10 /-7 %           Consumption (operating)         7.42 W typ.           Consumption (operating)         7.42 W typ.           Consumption (operating)         40 to 70 °C           Consumption (operating)         -40 to 70 °C           Vibration (operating)         2.45 m/s2 (0.75 G) (5 to 300 Hz)           Vibration (non-operating)         2.45 m/s2 (0.30 G)           Shock (operating)         (294 m/s2 (3.0 G)           Shock (non-operating)         (245 O m/s2 (70 G)           Shock (non-operating)         2.45 m/s2 (0.5 G)           Shock (non-operating)         3 dB typ.	Buffer size (MB)	512	
MTTF (hours)         1,200,000           Unrecoverable error rate         1 per 10^14           24 x7 operation         yes           Load/Unload cycle         600,000           Limited warranty (years)         5           POwer Management           Supply voltage         12 VDC +10 /-7 %           Consumption (operating)         7.42 W typ.           Consumption (operating)         7.42 W typ.           Consumption (operating)         7.42 W typ.           Consumption (operating)         7.43 M typ.           Consumption (operating)         7.43 C to 5 °C           (operating/non-operating)         0 to 65 °C           (operating/non-operating)         2.45 m/s2 (0.75 G) (5 to 300 Hz)           Vibration (operating)         2.45 m/s2 (0.75 G) (5 to 300 Hz)           Vibration (operating)         2.45 m/s2 (0.75 G) (5 to 300 Hz)           Shock (operating)         2.94 m/s2 (3.0 G)           Shock (por-operating)         (2 for 5 G) (5 to 500 Hz)           Shock (por-operating)         (2 for 5 G) (2 for 50) Hz)           Shock (por-operating)         (2 for 5 G) (2 m sd uration)           Shock (non-operating)         2.450 m/s2 (250 G)           (2 m sd uration)         (2 m sd uration)           Shock (ide mode) <t< td=""><td>Reliability</td><td></td><td></td></t<>	Reliability		
MTTF (hours)         1,200,000           Unrecoverable error rate         1 per 10^14           24 x7 operation         yes           Load/Unload cycle         600,000           Limited warranty (years)         5           POwer Management           Supply voltage         12 VDC +10 /-7 %           Consumption (operating)         7.42 W typ.           Consumption (operating)         7.42 W typ.           Consumption (operating)         7.42 W typ.           Consumption (operating)         7.43 M typ.           Consumption (operating)         7.43 C to 5 °C           (operating/non-operating)         0 to 65 °C           (operating/non-operating)         2.45 m/s2 (0.75 G) (5 to 300 Hz)           Vibration (operating)         2.45 m/s2 (0.75 G) (5 to 300 Hz)           Vibration (operating)         2.45 m/s2 (0.75 G) (5 to 300 Hz)           Shock (operating)         2.94 m/s2 (3.0 G)           Shock (por-operating)         (2 for 5 G) (5 to 500 Hz)           Shock (por-operating)         (2 for 5 G) (2 for 50) Hz)           Shock (por-operating)         (2 for 5 G) (2 m sd uration)           Shock (non-operating)         2.450 m/s2 (250 G)           (2 m sd uration)         (2 m sd uration)           Shock (ide mode) <t< td=""><td>Workloads (TB/year)</td><td>300</td><td></td></t<>	Workloads (TB/year)	300	
Unrecoverable error rate         1 per 10^14           24 x 7 operation         yes           Laad/Unload cycle         600,000           Limited warranty (years)         5           Power Management           Supply voltage         5 VDC +10 /-7 % 12 VDC ±10 %           Consumption (operating)         7.42 W typ.           Consumption (active idle)         4.14 W typ.           Environmental         10 to 55 °C           Vibration (operating)         0 to 55 °C           (operating)         0 to 55 °C           (operating)         0 to 55 °C           (operating/non-operating)         12 VDC ±10 %           Vibration (non-operating)         0 to 65 °C           (operating/non-operating)         0 to 55 °C           Vibration (non-operating)         0 to 65 °C           Shock (operating)         (5 to 500 Hz)           Shock (operating)         (29 4 m/s2 (30 G) (5 to 500 Hz)           Shock (non-operating)         (2450 m/s2 (250 G) (2 ms duration)           Shock (non-operating)         2/450 m/s2 (250 G) (2 ms duration)           Shock (non-operating)         2/450 m/s2 (250 G) (2 ms duration)	MTTF (hours)	1,200.000	
24 x 7 operation         yes           Load/Unload cycle         600,000           Limited warranty (years)         5           Power Management         5           Supply voltage         5 VDC +10 /-7 % 12 VDC ±10 %           Consumption (operating)         7.42 W typ.           Consumption (active idle)         4.14 W typ.           Environmental         0 to 65 °C (operating/non-operating)           Temperature (operating/non-operating)         0 to 65 °C 2.45 m/s2 (0.75 G) (50 to 300 Hz) 2.45 m/s2 (0.75 G) (300 to 500 Hz)           Vibration (operating)         7.35 m/s2 (0.75 G) (500 to 500 Hz) 2.45 m/s2 (0.25 G) (300 to 500 Hz)           Shock (operating)         (5 to 500 Hz) (2 m s duration)           Shock (non-operating)         2.45 m/s2 (25 G) (2 m s duration)           Shock (non-operating)         2.45 m/s2 (25 G) (2 m s duration)           Shock (non-operating)         2.45 m/s2 (25 G) (2 m s duration)			
Load/Unload cycle         600,000           Limited warranty (years)         5           Power Management         5           Supply voltage         5 VDC +10 /-7 % 12 VDC ±10 %           Consumption (operating)         7.42 W typ.           Consumption (active idle)         4.14 W typ.           Environmental         0 to 65 °C -40 to 70 °C           Vibration (operating)         7.35 m/s2 (0.75 G) (5 to 300 Hz) 2.45 m/s2 (0.25 G) (5 to 300 Hz)           Vibration (non-operating)         7.35 m/s2 (0.75 G) (5 to 300 Hz) 2.45 m/s2 (0.25 G) (5 to 500 Hz)           Shock (operating)         (2 ms duration)           Shock (non-operating)         (2 ms duration)           Shock (non-operating)         2.450 m/s2 (250 G) (2 ms duration)           Acoustics (idle mode)         3 d dB typ.			
Limited warranty (years)         5           Power Management         5 VDC +10 /-7 % 12 VDC ±10 %           Supply voltage         12 VDC ±10 %           Consumption (operating)         7.42 W typ.           Consumption (active idle)         4.14 W typ.           Consumption (active idle)         0 to 65 °C           Environmental         -40 to 70 °C           Vibration (operating)         2.45 m/s2 (0.75 G) (5 to 300 Hz) 2.45 m/s2 (0.75 G) (5 to 300 Hz)           Vibration (non-operating)         29.4 m/s2 (3.0 G) (5 to 500 Hz)           Shock (operating)         686 m/s2 (70 G) (2 m s duration)           Shock (non-operating)         2.45 m/s2 (0.25 G) (2 m s duration)           Shock (non-operating)         2.45 m/s2 (250 G) (2 m s duration)           Acoustics (idle mode)         3 4 dB typ.			
Supply voltage5 VDC +10 /-7 % 12 VDC ±10 %Consumption (operating)7.42 W typ.Consumption (active idle)4.14 W typ.EnvironmentalTemperature (operating)0 to 65 °C - 40 to 70 °CVibration (operating)2.45 m/s2 (0.75 G) (5 to 300 Hz) 2.45 m/s2 (0.25 G) (300 to 500 Hz)Vibration (non-operating)2.94 m/s2 (3.0 G) (5 to 500 Hz)Shock (operating)686 m/s2 (70 G) (2 ms duration)Shock (non-operating)2.45 m/s2 (250 G) (2 ms duration)Acoustics (idle mode)3 d B typ.	Limited warranty (years)	5	
Supply Voitage12 VDC ± 10 %Consumption (operating)7.42 W typ.Consumption (active idle)4.14 W typ.EnvironmentalTemperature (operating)0 to 65 °C - 40 to 70 °CVibration (operating)2.45 m/s2 {0.75 G} (5 to 300 Hz) 2.45 m/s2 {0.25 G} (300 to 500 Hz)Vibration (non-operating)2.94 m/s2 {3.0 G} (5 to 500 Hz)Shock (operating)686 m/s2 {70 G} (2 ms duration)Shock (non-operating)2.45 m/s2 {250 G} (2 ms duration)Acoustics (idle mode)3 d B typ.	Power Management		
Consumption (active idle)4.14 W typ.EnvironmentalTemperature (operating/non-operating)0 to 65 °C -40 to 70 °CVibration (operating)7.35 m/s2 {0.75 G} (5 to 300 Hz) 2.45 m/s2 {0.25 G} (300 to 500 Hz)Vibration (non-operating)29.4 m/s2 {3.0 G} (5 to 500 Hz)Vibration (non-operating)686 m/s2 {70 G} (2 ms duration)Shock (operating)2,450 m/s2 {250 G} (2 ms duration)Acoustics (idle mode)34 dB typ.	Supply voltage		
Environmental         Temperature (operating/non-operating)       0 to 65 °C -40 to 70 °C         Vibration (operating)       7.35 m/s2 {0.75 G} (5 to 300 Hz) 2.45 m/s2 {0.25 G} (300 to 500 Hz)         Vibration (non-operating)       29.4 m/s2 {0.26 G} (300 to 500 Hz)         Shock (operating)       686 m/s2 {70 G} (2 ms duration)         Shock (non-operating)       2,450 m/s2 {250 G} (2 ms duration)         Acoustics (idle mode)       34 dB typ.	Consumption (operating)	7.42 W typ.	
Temperature (operating/non-operating)0 to 65 °C -40 to 70 °CVibration (operating)7.35 m/s2 {0.75 G} /5 to 300 Hz) 2.45 m/s2 {0.25 G} /300 to 500 Hz)Vibration (non-operating)29.4 m/s2 {3.0 G} (5 to 500 Hz)Shock (operating)686 m/s2 {70 G} (2 ms duration)Shock (non-operating)2,450 m/s2 {250 G} (2 ms duration)Acoustics (idle mode)34 dB typ.	Consumption (active idle)	4.14 W typ.	
(operating/non-operating)-40 to 70 °CVibration (operating)7.35 m/s2 {0.75 G} (5 to 300 Hz) 2.45 m/s2 {0.25 G} (300 to 500 Hz)Vibration (non-operating)29.4 m/s2 {3.0 G} (5 to 500 Hz)Shock (operating)686 m/s2 {70 G} (2 ms duration)Shock (non-operating)2,450 m/s2 {250 G} (2 ms duration)Acoustics (idle mode)34 dB typ.	Environmental		
(operating/non-operating)-40 to 70 °CVibration (operating)7.35 m/s2 {0.75 G} (5 to 300 Hz) 2.45 m/s2 {0.25 G} (300 to 500 Hz)Vibration (non-operating)29.4 m/s2 {3.0 G} (5 to 500 Hz)Shock (operating)686 m/s2 {70 G} (2 ms duration)Shock (non-operating)2,450 m/s2 {250 G} (2 ms duration)Acoustics (idle mode)34 dB typ.	Temperature	0 to 65 °C	
Vibration (operating)2.45 m/s2 [0.25 G] (300 to 500 Hz)Vibration (non-operating)29.4 m/s2 [3.0 G] (5 to 500 Hz)Shock (operating)686 m/s2 [70 G] (2 ms duration)Shock (non-operating)2,450 m/s2 [250 G] (2 ms duration)Acoustics (idle mode)34 dB typ.	(operating/non-operating)		
Vibration (indi-operating)       (5 to 500 Hz)         Shock (operating)       686 m/s2 {70 G} (2 ms duration)         Shock (non-operating)       2,450 m/s2 {250 G} (2 ms duration)         Acoustics (idle mode)       34 dB typ.	Vibration (operating)		
Shock (operating)     (2 ms duration)       Shock (non-operating)     2,450 m/s2 {250 G} (2 ms duration)       Acoustics (idle mode)     34 dB typ.	Vibration (non-operating)	29.4 m/s2 {3.0 G} (5 to 500 Hz)	
Acoustics (idle mode)     34 dB typ.	Shock (operating)		
	Shock (non-operating)	2,450 m/s2 {250 G} (2 ms duration)	
Physical	Acoustics (idle mode)	34 dB typ.	
	Physical		

Dimensions	147 (L) x 101.85 (W) x 26.1 (H) mm
Weight	710 g

## S300 Pro Surveillance Hard Drive – 4 TB

Retail Number	n/a
Bulk Number	MD10ADA400EV
Logistic Information (Bulk)	
Master Carton quantity	20 pcs
Master Carton size	410 (L) x 308 (W) x 228 (H) mm
Master Carton Weight	16 kg
Pallet quantity per layer	120 pcs
Number of Layer	5 layer
Pallet quantity	600 pcs
Pallet size	870 (L) x 970 (W) x 1,272 (H) mm
Pallet weight	483 kg
Country of Origin	Philippines

Write