

S300 Pro Surveillance Hard Drive – 4 TB

Retail Number	n/a
Bulk Number	MD10ADA400EV

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)	7.42 W typ.
Consumption (active idle)	4.14 W typ.

Environmental

Temperature (operating/non-operating)	0 to 65 °C -40 to 70 °C
Vibration (operating)	7.35 m/s ² {0.75 G} (5 to 300 Hz) 2.45 m/s ² {0.25 G} (300 to 500 Hz)
Vibration (non-operating)	29.4 m/s ² {3.0 G} (5 to 500 Hz)
Shock (operating)	686 m/s ² {70 G} (2 ms duration)
Shock (non-operating)	2,450 m/s ² {250 G} (2 ms duration)
Acoustics (idle mode)	34 dB typ.

Physical

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

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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