

AE-MW3SS3 Series Solid State Disk



- 512G/1T/2T selectable
- Compliant with SATA III, up to 6 Gbps
- Support S.M.A.R.T intelligent state detection
- Support NCQ, TRIM
- Applicable to vehicle-mounted video monitoring scenes

• Specifications

General	Power Voltage	DC 5V ± 5%
	Storage Medium	TLC
	Host Interface	Serial ATA interface of 6.0 Gbps
	Power Consumption	Write: 1250 mW (1TB) Read: 1380 mW (1TB)
	MTBF	1, 500, 000 h
	TBW	512GB: 256TB 1TB: 512TB 2TB: 1024TB
	Dimensions	7 mm × 69.85 mm × 100.45 mm (0.3" × 2.8" × 4.0")
	Operating Temperature	0°C~70°C (32°F ~158°F)
	Non-Operating Temperature	-40°C~85°C (-40°F~185°F)

• Read and Write Rate

Type	Unit	512GB	1TB	2TB
Sequential Read (Max)	MB/S	550	550	560
Sequential Write (Max)	MB/S	485	500	520
Random Read 4K (Max)	IOPS	64K	92K	94K
Random Write 4K (Max)	IOPS	72K	74K	72K

* The actual performance may vary depending on use conditions and environment.

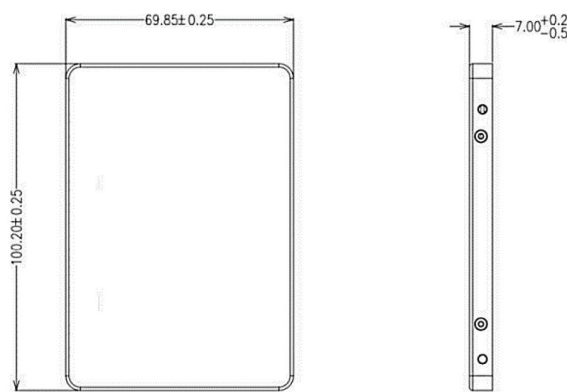
• Available Model

AE-MW3SS3(2.5/512G)

AE-MW3SS3(2.5/1T)

AE-MW3SS3(2.5/2)

• Dimension



Unit: mm

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