

AE-MW3SS4 Series Solid State Disk



- 512GB/1TB/2TB /4T 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 $\pm$ 5%
	Storage Medium	QLC
	Host Interface	Serial ATA interface of 6.0 Gbps
	Power Consumption	Write: 1200 mW (4TB) Read: 1100 mW (4TB)
	MTBF	1, 500, 000 h
	TBW	512GB: 256TB 1TB: 512TB 2TB: 1024TB 4TB: 2048TB
	Dimensions	7 mm $\times$ 69.85 mm $\times$ 100.45 mm (0.3" $\times$ 2.8" $\times$ 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	4TB
Sequential Read (Max)	MB/S	550	550	550	520
Sequential Write (Max)	MB/S	510	510	510	480
Random Read 4K (Max)	IOPS	56K	92K	87K	80K
Random Write 4K (Max)	IOPS	61K	65K	65K	51K

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

Available Model

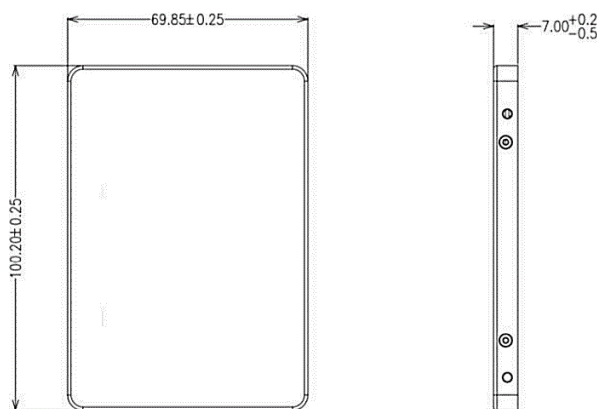
AE-MW3SS4(2.5/512G)

AE-MW3SS4(2.5/1T)

AE-MW3SS4(2.5/2T)

AE-MW3SS4(2.5/4T)

Dimension



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