

Datasheet

# 2.5" SATA SSD

## 3MG-P series

- Compliant with E-Mark/SAE J113/ISO 7637-2
- 2.5" SATA III solution for industrial field
- 7mm height mechanical design
- High random R/W performance
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Enhanced power cycling management
- iCell technology for data protection (optional)



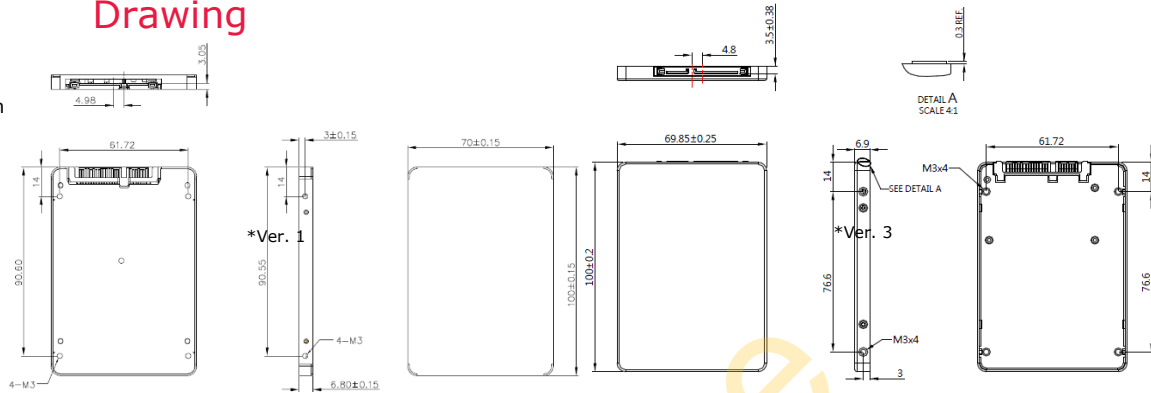
### Introduction

Innodisk 2.5" SATA SSD 3MG-P is SATA III 6Gb/s Flash based disk, which delivers excellent performance and reliability making it the ideal solution for a variety of applications, including embedded system, industrial computing, and enterprise field.

# 2.5" SATA SSD

## 3MG-P series

### Drawing



### Specifications

Interface	SATA III
Flash Type	MLC
Capacity	8GB~512GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	460 / 240
Max. Power Consumption	5 W (5V x 1A )
Thermal Sensor	ST- Optional/ WT- Default
External DRAM Buffer	√
H/W Write Protect	-
Pin7 Power	-
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	70.0 X 100.0 X 6.8 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Contact us for more information about the 2.5" SATA SSD 3MG-P

Innodisk is a service-driven provider of industrial embedded flash and DRAM storage products and technologies, with a focus on the industrial/embedded, aerospace and defense, and cloud computing industries.

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### Ordering Information

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Operation Temp.	8GB	16GB	32GB	64GB	128GB	256GB	512GB
Standard Grade (0°C ~ +70°C)	DGS25-08GD67RC%SC(P)	DGS25-16GD67RC%DC(P)	DGS25-32GD67RC%QC(P)	DGS25-64GD67RC%QC(P)	DGS25-A28D67RC1QC(P)	DGS25-B56D67RC1QC(P)	DGS25-C12D67RC1QC(P)
Industrial Grade (-40°C ~ +85°C)	DGS25-08GD67SW%SC(P)	DGS25-16GD67SW%DC(P)	DGS25-32GD67CW%QC(P)	DGS25-64GD67SW%QC(P)	DGS25-A28D67SW1QC(P)	DGS25-B56D67SW1QC(P)	DGS25-C12D67SW1QC(P)

Note: %= 1, 2, 3, ..., stands for internal control; P stands for iCell function which is optional.

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