

Datasheet

InnoREC™ series

2.5" SATA SSD 3MV2-P

- InnoREC solution for surveillance application
- 7mm height mechanical design
- Exclusive REC line for video recording
- ensures steady performance without any frame-loss
- Built-in thermal sensor
- Support S.M.A.R.T, TRIM, NCQ and iData Guard



Introduction

InnoREC is innodisk's proprietary flash feature set designed specifically for surveillance applications. Through the smart integration of firmware and hardware, the speed and performance required by modern surveillance solutions is fully met. 2.5" SATA SSD 3MV2-P products provide high capacity flash memory Solid State Drive (SSD) that electrically complies with Serial ATA (SATA) standard. It supports SATA III standard (6.0GHz) with high performance and supports several features, including REC line, iData Guard, iCell, Quick Erase, Thermal sensor, passive cooling and S.M.A.R.T.

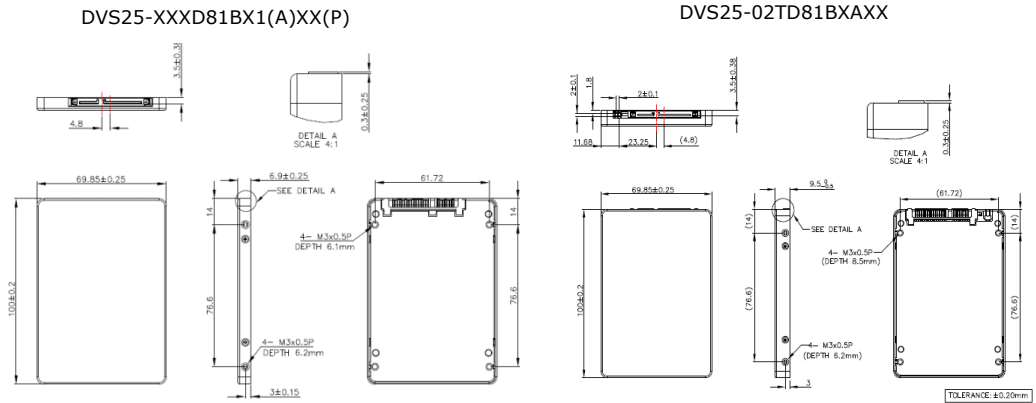
2.5" SATA SSD

3MV2-P series

Drawing

Contact us for more information about the 2.5" SATA SSD 3MV2-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.



Specifications

Interface	SATA III
Flash Type	MLC
Flash P/E Cycle Limit	3,000
Capacity	8GB~2TB
Max. Channels	4
Sequential R/W (MB/sec, max.)	520/450 (steady performance refer to TPS)
Max. Power Consumption	5.78 W (5V x 1155 mA)
Thermal Sensor	Supported
External DRAM Buffer	Supported
H/W Write Protect	Optional
S/W Write Protect	Supported
Quick Erase	Supported
ATA Security	Supported
S.M.A.R.T.	Supported
Dimension (WxLxH)	69.85 X 100.00 X 6.9 mm/69.85 X 100.00 X 9.5 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

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Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB	128GB	256GB	512GB	1TB	2TB
Standard Grade (0°C ~ +70°C)	DVS25-08GD81B C1SC	DVS25-16GD81B C1DC	DVS25-32GD81B C1QC	DVS25-64GD81B C1QC	DVS25-A28D81B C1QC	DVS25-B56D81B C1QC	DVS25-C12D81 BC1QC	DVS25-01TD81 BCAQC	DVS25-02TD81 BCAQC
Industrial Grade (-40°C ~ +85°C)	DVS25-08GD81B W1SC	DVS25-16GD81B W1DC	DVS25-32GD81B W1QC	DVS25-64GD81B W1QC	DVS25-A28D81B W1QC	DVS25-B56D81B W1QC	DVS25-C12D81 BW1QC	DVS25-01TD81 BWAQC	DVS25-02TD81 BWAQC