



Backplane
Systems
Technology

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InnoREC™ series

2.5" SATA SSD 3TV6-P

- InnoREC solution for surveillance application
- 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

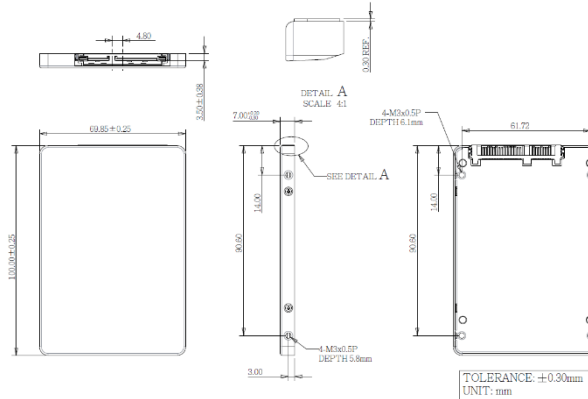
Innodisk 2.5" SATA SSD 3TV6-P is the newest member of InnoREC product line, which adopts industrial Kioxia 3D TLC NAND. InnoREC is innodisk's proprietary flash feature set designed specifically for surveillance applications. Through the smart integration of firmware and hardware, the speed and performance required by modern surveillance solutions are fully met. 2.5" SATA SSD 3TV6-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 3TV6-P series

Contact us for more information about the 2.5" SATA SSD 3TV6-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.

Drawing



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Specifications

Interface	SATA III
Flash Type	3D TLC
Flash P/E Cycle Limit	3,000
Capacity	128GB~4TB
Max. Channels	4
Sequential R/W (MB/sec, max.)	510/460
Max. Power Consumption	3.5 W
Thermal Sensor	✓
External DRAM Buffer	✓
AES encryption	✓
ATA Security	✓
S.M.A.R.T.	✓
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: -40°C ~ +95°C MTBF: 3 million hours

Ordering Information

Operation Temp.	128GB	256GB	512GB	1TB	2TB	4TB
Standard Grade (0°C ~ +70°C)	DVS25-A28M72KCASFP	DVS25-B56M72KCADFP	DVS25-C12M72KCAQFP	DVS25-01TM72KC*QFP	DVS25-02TM72KC*QFP	DVS25-04TM72KCAQFP
Industrial Grade (-40°C ~ +85°C)	DVS25-A28M72KWASFP	DVS25-B56M72KWADFP	DVS25-C12M72KWAQFP	DVS25-01TM72KWAQFP	DVS25-02TM72KWAQFP	DVS25-04TM72KWAQFP

*. PCB version control

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