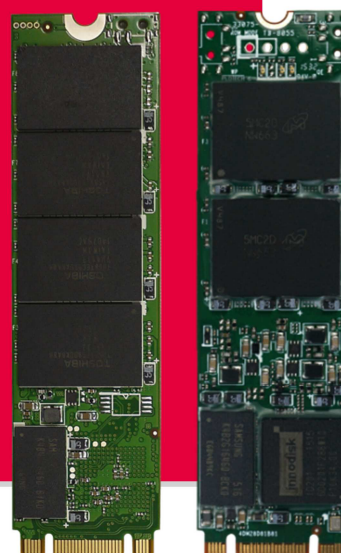


Datasheet

# InnoREC™ series

## M.2 (S80) 3MV2-P

- InnoREC solution for surveillance application
- Exclusive REC line for video recording
- Ensure steady performance with any frame-loss
- Intelligent error recovery system
- Zero mechanical interference
- Anti-vibration mechanical design
- 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. M.2 (S80) 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, and S.M.A.R.T.

# M.2 (S80) 3MV2-P series

**Contact us for more information  
about the M2 (S80) 3MV2-P.**

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

## Specifications

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prior notice.

Interface	SATA III
Flash Type	MLC
P/E cycle	3,000
Capacity	32GB~1TB
Max. Channels	4
Sequential R/W (MB/sec, max.)	560 / 450
Max. Power Consumption	4.6W (3.3V x 1.4A )
Thermal Sensor	√
External DRAM buffer	√
H/W Write Protect	Optional, 1TB:N/A
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	22.0 X 80.0 X 3.5 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

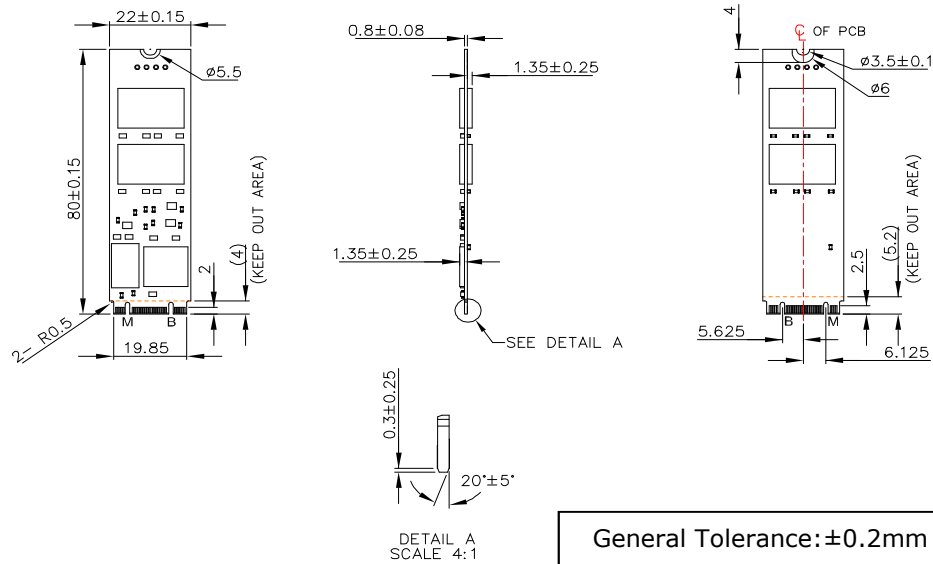
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## Ordering Information

Operation Temp.	32GB	64GB	128GB	256GB	512GB	1TB
Standard Grade (0°C ~ +70°C)	DVM28- 32GD81BCAQC	DVM28- 64GD81BCAQC	DVM28- 128D81BCAQC	DVM28- B56D81BCAQC	DVM28- C12D81BCAQC	DVM28- 01TD81BCAQC
Industrial Grade (-40°C ~ +85°C)	DVM28- 32GD81BWAQC	DVM28- 64GD81BWAQC	DVM28- 128D81BWAQC	DVM28- B56D81BWAQC	DVM28- C12D81BWAQC	DVM28- 01TD81BWAQC

# Diagram

## 152 ball BGA type (32GB-256GB)



## 132 ball BGA type (512GB)

