

Datasheet

# 2.5" SATA SSD

## 3IE2-P series

- 2.5" SATA III solution for industrial field
- 7mm height mechanical design
- iSMART disk health monitoring
- High IOPS to enhance boot up timing
- iData Guard Protection



### Introduction

Innodisk 2.5" SATA SSD 3IE2-P is SATA III 6Gb/s Flash based disk with iSLC technology, which delivers excellent performance and reliability making it the ideal solution for a variety of applications, including embedded system, industrial computing, and enterprise field. 3IE2-P 2.5" SSD not only performs unmatched performance, but also designed with Innodisk owned technical knowhow to ensure the data integrity and highest levels of reliability.

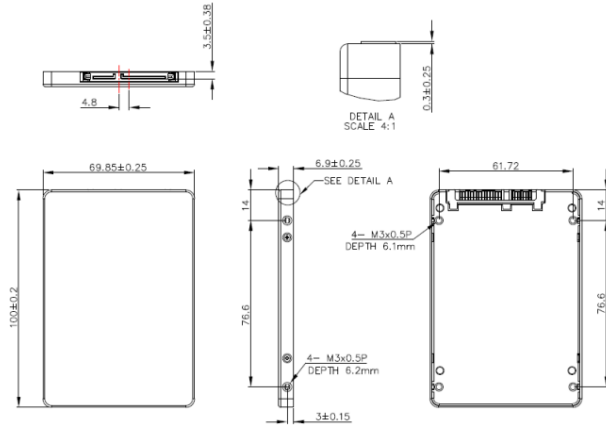
# 2.5" SATA SSD

## 3IE2-P series

### Drawing

Contact us for more information about the 2.5" SATA SSD 3IE2-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	iSLC
Flash P/E Cycle Limit	20,000
Capacity	8GB-512GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	530/450
Max. Power Consumption	2.29 W (5V x 457 mA )
Thermal Sensor	Supported
External DRAM Buffer	Supported
H/W Write Protect	Optional
iCell	Optional
ATA Security	Supported
S.M.A.R.T.	Supported
Dimension (WxLxH)	69.85 X 100.10 X 7.0 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

### Headquarters (Taiwan)

5F., No.237, Sec. 1, Datong Rd.,  
Xizhi Dist., New Taipei City,  
Taiwan (R.O.C.)  
Tel: +886-2-77033000  
Email: sales@innodisk.com

### Branch Offices:

USA  
[usasales@innodisk.com](mailto:usasales@innodisk.com)  
+1-510-770-9421  
Europe  
[eusales@innodisk.com](mailto:eusales@innodisk.com)  
+31-040-282-1818  
Japan  
[jpsales@innodisk.com](mailto:jpsales@innodisk.com)  
+81-3-6667-0161  
China  
[sales\\_cn@innodisk.com](mailto:sales_cn@innodisk.com)  
+86-755-21673689  
[www.innodisk.com](http://www.innodisk.com)

© 2016 Innodisk Corporation.  
All right reserved. Specifications  
are subject to change without  
prior notice.

20160923

## Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB	128GB	256GB	512GB
Standard Grade (0°C ~ +70°C)	DHS25-08GD81BC3DC	DHS25-16GD81BC3DC DHS25-16GD81BC3QC	DHS25-32GD81BC3QC DHS25-32GD81BC1QC	DHS25-64GD81BC3QC DHS25-64GD81BC1QC	DHS25-A28D81BC3QC	DHS25-B56D81BC1QC	DHS25-C12D81BCAQC
Industrial Grade (-40°C ~ +85°C)	DHS25-08GD81BW3DC	DHS25-16GD81BW3DC DHS25-16GD81BW3QC	DHS25-32GD81BW3QC DHS25-32GD81BW1QC	DHS25-64GD81BW3QC DHS25-64GD81BW1QC	DHS25-A28D81BW3QC	DHS25-B56D81BW1QC	DHS25-C12D81BWAQC

**innodisk**

[www.innodisk.com](http://www.innodisk.com)