

Datasheet

CFast 3MV2-P series

- 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



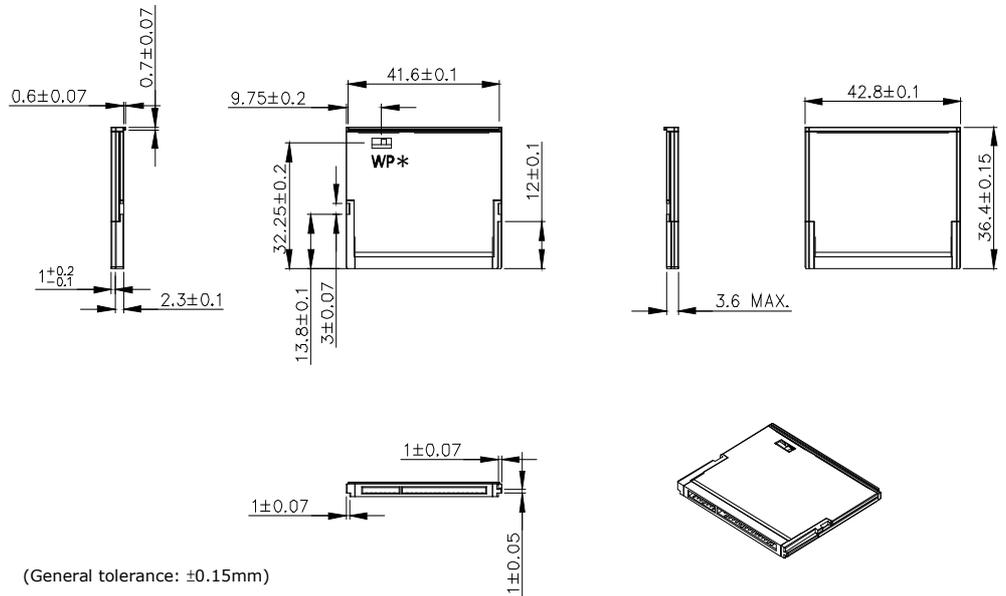
Introduction

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. Innodisk CFast 3MV2-P is SATA III 6Gb/s flash based disk, which delivers excellent performance, especially in random data transfer rate, and which offers reliability making it the ideal solution for a variety of applications, including surveillance system, embedded system and industrial computing.

Innodisk CFast 3MV2-P supports several standard features, including REC line, TRIM, NCQ, and S.M.A.R.T. Innodisk's exclusive REC line is ideal for video recording. With steady performance, no need to worry about any frame-loss. CFast 3MV2-P not only performs unmatched performance, but also designed with Innodisk owned technical knowhow to ensure the data integrity and highest levels of reliability.

CFAST 3MV2-P series

Drawing



(General tolerance: ±0.15mm)

Specifications

Interface	SATA III
Flash Type	MLC
Capacity	32GB~256GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	560/350
Max. Power Consumption	2.5W(3.3V x 760 mA)
Thermal Sensor	ST- default / WT- default
External DRAM Buffer	Yes
H/W Write Protect	Optional*
ATA Security	✓
S.M.A.R.T.	✓
Dimension (WxLxH)	42.8X 36.4 X 3.6 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 CFAST 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.

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Ordering Information

Operation Temp.	32GB	64GB	128GB	256GB
Standard Grade (0°C ~ +70°C)	DVCFA-32GD81BCADC(W)	DVCFA-64GD81BCAQC(W)	DVCFA-A28D81BCAQC(W)	DVCFA-B56D81BCAQC(W)
Industrial Grade (-40°C ~ +85°C)	DVCFA-32GD81BWADC(W)	DVCFA-64GD81BWAQC(W)	DVCFA-A28D81BWAQC(W)	DVCFA-B56D81BWAQC(W)

*H/W write protect function is optional.

(For the write protect demand, please place the order by PN: DVCFA-xxxD81BxAx**CW**)

*D: Dual channel / Q: Qual channel

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