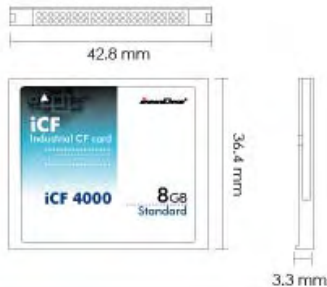


iCF 4000



iCF 4000 Mechanical Drawing



Robust and Rugged Design

- Highly heat resistance design: Industrial plastic material housing
- Anti-vibration, shock resistance



Reliable and Compatible

- Data integrity with Error Detection Code/Error Correction Code (EDC/ECC)
- True IDE Mode (fixed Mode)
- High operating reliability, durability and low power consumption

iCF 4000 Specifications

General Specification

Capacities	32MB - 8GB
Interface	50pin CompactFlash Type I
Protocol	PCMCIA v2.1 and PC Card v2.01 ATA
Access Mode	Memory Card Mode, I/O Mode, True IDE Mode
IDE Transfer Mode	PIO Mode 0-6, MwdMA 0-4, UltraDMA 0-4
Data Transfer Rate	32MB~2GB(Single) - Read : 24Mbytes/sec (max.) Write : 8Mbytes/sec (max.) 2GB~8GB(Daul) - Read : 40Mbytes/sec (max.) Write : 20Mbytes/sec (max.)

System Reliability

ECC technology	High reliability based on the internal ECC function
MTBF	>3,000 times
R/W Endurance	2,000,000 times
Wear-leveling	Support

Environmental Specification

Operating Temp.	-10° C ~ +70° C (Standstd) -40° C ~ +85° C (Industrial Grade)
Storage Temp.	-55° C ~ +95° C
Humidity	10% ~ 95% non-condensing
Vibration	5G(7~2000Hz)
Shock	50G/10ms

Power Requirement

DC Input Voltage	+3.3V/+5V single power supply operation
Power Mode	Auto Stand-by and Sleep Mode
Power Consumption	150mA(max.)

Physical Specifications

Enclosure Material	CF card plastic frame with metal cover
Dimension	42.8 x 36.4 x 3.3mm (W x L x H)
Certification	CE, FCC, RoHS