

Industrial Flash Module Series (IDE Interface)

■ The IDE Flash Storage Solutions-iCF/iFM/iFP Series

Item	IFM 4000+ / IFM4400+ IFP 2000+	ICF 1000+	IFM 8000 / IFM 8800 / IFP 8800	ICF 8000
Picture	 IFM 4000+ / IFM4400+ IFP 2000+	 ICF 1000+	 IFM 8000 / IFM 8800 IFP 8800	 ICF 8000
Capacities	128MB~8GB	128MB~16GB	2GB~16GB	2GB~16GB
Interface	44pin or 40pin IDE/ATA	50pin CompactFlash	44pin or 40pin IDE/ATA	50pin CompactFlash
IDE Transfer Mode	PIO Mode 0-6; MwdMA Mode 0-4 UltraDMA Mode 0-4	PIO Mode 0-4; MwdMA Mode 0-2 UltraDMA Mode 0-4	PIO Mode 0-4; MwdMA Mode 0-2 UltraDMA Mode 0-6	PIO Mode 0-4; MwdMA Mode 0-2 UltraDMA Mode 0-6
Data Transfer Rate	128MB~2GB(Single): Read-20MB/sec.(max.); Write-10MB/sec.(max.) 2GB~8GB(Dual): Read-40MB/sec.(max.); Write-20MB/sec.(max.)	128MB~2GB(Single): Read-20MB/sec.(max.); Write-10MB/sec.(max.) 2GB~16GB(Dual): Read-40MB/sec.(max.); Write-20MB/sec.(max.)	Read: 80MB/sec.(max.) Write: 75MB/sec.(max.)	Read: 80MB/sec.(max.) Write: 75MB/sec.(max.)
Operation Temp.	-0°C~+70°C; -40°C~+85°C			
Storage Temp.	-55°C~+95°C			
Humidity	10%~95% non-condensing			
Vibration	ICF: 20G(7~2000Hz)/IFM: 15G(7~2000Hz)			
Shock	1500G/0.5ms			
DC Input Voltage	ICF: +3.3V~+5V single power supply operation/IFM: +5V single power supply operation			
Power Mode	Auto stand-by and sleep mode			
Power Consumption	210mA (max.)			
Enclosure	Material PC mechanical cover	CF and plastic frame with metal cover	PC mechanical cover	CF and plastic frame with metal cover
Dimensions	IFM 40pin:27.8x60.2x6.4mm(WxLxH) IFM 44pin:27.3x50.3x5.8mm(WxLxH)	36.4x42.8x3.3 mm(WxLxH)	40pin:27.2x57.8x9.1mm(WxLxH) 44pin:27.2x50.2x7.5mm(WxLxH)	36.4x42.8x3.3 mm(WxLxH)
Certificate	RoHS/CE/FCC			

Ordering Information

■ Industrial IDE Flash Module

IFM 8000	Description
IFM-8000CD-16GB	40pin 16GB Four Channels
IFM-8000CD-8GB	40pin 8GB Four Channels
IFM-8000CD-4GB	40pin 4GB Four Channels
IFM-8000CD-2GB	40pin 2GB Four Channels
IFM 8000 W/T	Description
IFM-8000WD-16GB	W/T 40pin 16GB Four Channels
IFM-8000WD-8GB	W/T 40pin 8GB Four Channels
IFM-8000WD-4GB	W/T 40pin 4GB Four Channels
IFM-8000WD-2GB	W/T 40pin 2GB Four Channels
IFM 8800	Description
IFM-8800CD-16GB	44pin 16GB Four Channels
IFM-8800CD-8GB	44pin 8GB Four Channels
IFM-8800CD-4GB	44pin 4GB Four Channels
IFM-8800CD-2GB	44pin 2GB Four Channels
IFM 8800 W/T	Description
IFM-8800WD-16GB	W/T 44pin 16GB Four Channels
IFM-8800WD-8GB	W/T 44pin 8GB Four Channels
IFM-8800WD-4GB	W/T 44pin 4GB Four Channels
IFM-8800WD-2GB	W/T 44pin 2GB Four Channels
IFP 8800	Description
IFP-8800CD-16GB	44pin 16GB Plain type Four Channels
IFP-8800CD-8GB	44pin 8GB Plain type Four Channels
IFP-8800CD-4GB	44pin 4GB Plain type Four Channels
IFP-8800CD-2GB	44pin 2GB Plain type Four Channels
IFP 8800 W/T	Description
IFP-8800WD-16GB	W/T 44pin 16GB Plain type Four Channels
IFP-8800WD-8GB	W/T 44pin 8GB Plain type Four Channels
IFP-8800WD-4GB	W/T 44pin 4GB Plain type Four Channels
IFP-8800WD-2GB	W/T 44pin 2GB Plain type Four Channels
IFM 4000+	Description
IFM-4000IPD-8GB	40pin 8GB Dual Channel
IFM-4000IPD-4GB	40pin 4GB Dual Channel
IFM-4000IPD-2GB	40pin 2GB Dual Channel
IFM-4000IPS-2GB	44pin 2GB Single Channel
IFM-4000IPD-1GB	40pin 1GB Dual Channel
IFM-4000IPS-1GB	40pin 1GB Single Channel
IFM-4000IPS-512MB	40pin 512MB Single Channel
IFM-4000IPS-256MB	40pin 256MB Single Channel
IFM-4000IPS-128MB	40pin 128MB Single Channel

IFM 4000+ W/T	Description
IFM-4000WPD-8GB	W/T 40pin 8GB Dual Channel
IFM-4000WPD-4GB	W/T 40pin 4GB Dual Channel
IFM-4000WPD-2GB	W/T 40pin 2GB Dual Channel
IFM-4000WPD-1GB	W/T 40pin 1GB Dual Channel
IFM-4000WPS-2GB	W/T 40pin 1GB Dual Channel
IFM-4000WPS-1GB	W/T 40pin 1GB Single Channel
IFM-4000WPS-512MB	W/T 40pin 512MB Single Channel
IFM-4000WPS-256MB	W/T 40pin 256MB Single Channel
IFM-4000WPS-128MB	W/T 40pin 128MB Single Channel
IFM 4400+	Description
IFM-4400IPD-8GB	44pin 8GB Dual Channel
IFM-4400IPD-4GB	44pin 4GB Dual Channel
IFM-4400IPD-2GB	44pin 2GB Dual Channel
IFM-4400IPS-2GB	44pin 2GB Single Channel
IFM-4400IPD-1GB	44pin 1GB Dual Channel
IFM-4400IPS-1GB	44pin 1GB Single Channel
IFM-4400IPS-512MB	44pin 512MB Single Channel
IFM-4400IPS-256MB	44pin 256MB Single Channel
IFM-4400IPS-128MB	44pin 128MB Single Channel
IFM 4400+ W/T	Description
IFM-4400WPD-8GB	W/T 44pin 8GB Dual Channel
IFM-4400WPD-4GB	W/T 44pin 4GB Dual Channel
IFM-4400WPD-2GB	W/T 44pin 2GB Dual Channel
IFM-4400WPD-1GB	W/T 44pin 1GB Dual Channel
IFM-4400WPS-2GB	W/T 44pin 2GB Single Channel
IFM-4400WPS-1GB	W/T 44pin 1GB Single Channel
IFM-4400WPS-512MB	W/T 44pin 512MB Single Channel
IFM-4400WPS-256MB	W/T 44pin 256MB Single Channel
IFM-4400WPS-128MB	W/T 44pin 128MB Single Channel
IFP 2000IP	Description
IFP-2000IPD-8GB	44 pin Plain type 8GB Dual Channel
IFP-2000IPD-4GB	44 pin Plain type 4GB Dual Channel
IFP-2000IPD-2GB	44 pin Plain type 2GB Dual Channel
IFP-2000IPS-2GB	44 pin Plain type 2GB Single Channel
IFP-2000IPD-1GB	44 pin Plain type 1GB Dual channel
IFP-2000IPS-1GB	44 pin Plain type 1GB Single Channel
IFP-2000IPS-512MB	44 pin Plain type 512MB Single Channel
IFP-2000IPS-256MB	44 pin Plain type 256MB Single Channel
IFP-2000IPS-128MB	44 pin Plain type 128MB Single Channel

IFP 2000WP	Description
IFP-2000WPD-8GB	W/T 44 pin Plain type 8GB Dual Channel
IFP-2000WPD-4GB	W/T 44 pin Plain type 4GB Dual Channel
IFP-2000WPD-2GB	W/T 44 pin Plain type 2GB Dual Channel
IFP-2000WPS-2GB	W/T 44 pin Plain type 2GB Single Channel
IFP-2000WPD-1GB	W/T 44 pin Plain type 1GB Dual Channel
IFP-2000WPS-1GB	W/T 44 pin Plain type 1GB Single Channel
IFP-2000WPS-512MB	W/T 44 pin Plain type 512MB Single Channel
IFP-2000WPS-256MB	W/T 44 pin Plain type 256MB Single Channel
IFP-2000WPS-128MB	W/T 44 pin Plain type 128MB Single Channel

■ Industrial CF Card

CF 8000	Description
ICF-8000CD-16GB	CF 16GB Four Channels
ICF-8000CD-8GB	CF 8GB Four Channels
ICF-8000CD-4GB	CF 4GB Four Channels
ICF-8000CD-2GB	CF 2GB Four Channels
CF 8000 W/T	Description
ICF-8000WD-16GB	CF W/T 16GB Four Channels
ICF-8000WD-8GB	CF W/T 8GB Four Channels
ICF-8000WD-4GB	CF W/T 4GB Four Channels
ICF-8000WD-2GB	CF W/T 2GB FourChannels
CF 1000IP	Description
ICF-1000IPD-16GB	CF 16GB Dual Channel
ICF-1000IPD-8GB	CF 8GB Dual Channel
ICF-1000IPD-4GB	CF 4GB Dual Channel
ICF-1000IPD-2GB	CF 2GB Dual Channel
ICF-1000IPS-2GB	CF 2GB Single Channel
ICF-1000IPD-1GB	CF 1GB Dual Channel
ICF-1000IPS-1GB	CF 1GB Single Channel
ICF-1000IPS-512MB	CF 512MB Single Channel
ICF-1000IPS-256MB	CF 256MB Single Channel
ICF-1000IPS-128MB	CF 128MB Single Channel
CF 1000 WP	Description
ICF-1000WPD-16GB	W/T 16GB Dual Channel
ICF-1000WPD-8GB	W/T 8GB Dual Channel
ICF-1000WPD-4GB	W/T 4GB Dual Channel
ICF-1000WPD-2GB	W/T 2GB Dual Channel
ICF-1000WPS-2GB	W/T 2GB Single Channel
ICF-1000WPD-1GB	W/T 1GB Dual Channel
ICF-1000WPS-1GB	W/T 1GB Single Channel
ICF-1000WPS-512MB	W/T 512MB Single Channel
ICF-1000WPS-256MB	W/T 256MB Single Channel
ICF-1000WPS-128MB	W/T 128MB Single Channel