

# Half Slim SSD

Model		ISM31	
Interface		SATA 22PIN (MO-297)	SATA 22PIN (MO-297)
Capacity		8GB~64GB	16GB~64GB
Operating Voltage		5V	5V
Flash Type		SLC	MLC
Sequential Read (max.)		160MB/s	475MB/s
Sequential Write (max.)		160MB/s	90MB/s
Data Transfer Mode		SATA III 6.0Gbps	SATA III 6.0Gbps
Operating Temperature	Commercial	0°C to +70°C	0°C to +70°C
	Industrial	-40°C to +85°C	-40°C to +85°C
Operating Humidity		0°C to +55°C 5%~95% RH non-condensing	0°C to +55°C 5%~95% RH non-condensing
Power Consumption (max.)		2W	2W
MTBF		>2,000,000 hrs	>1,000,000 hrs
Vibration Resistance		20G (80~2000Hz)	20G (80~2000Hz)
Shock Resistance		1500G/0.5ms, Half Sine Wave	1500G/0.5ms, Half Sine Wave
Dimensions (L x W x H)		54 x 39 x 4mm	54 x 39 x 4mm
S.M.A.R.T.		Supported	Supported
Write Protection		—	—
Quick Erase		—	—
H/W PLP Function		—	—
A+ SLC Mode		—	—
Features		<ul style="list-style-type: none"> <li>· Complies with ATA-8 Standard</li> <li>· NCQ Command set supported</li> <li>· TRIM Command supported</li> <li>· Flash Management</li> <li>· Error Correcting Code (ECC)</li> <li>· Wear Leveling function</li> <li>· H/W Power Detector and Flash Protection</li> </ul>	
Applications		Medical Application, Server, Networking, Industrial Control System, Personal Computing, Interactive Device	