



**TRUESSD<sup>®</sup>**  
**HFD25/35 series**  
Flash Data Storage  
Speed • Reliability • Security

**The HFD series** - is a non-volatile solid state disk that incorporates Hagiwara Sys-Com's proprietary TRUESSD® controller. The TRUESSD® controller, in conjunction with on-board SDRAM, utilizes an advanced segmented cache algorithm that reduces command overhead and enhances throughput from cache memory to NAND flash.

The TRUESSD® controller also provides advanced ECC On-The-Fly real-time error correction without sacrifice to performance. The TRUESSD® controller supports device health monitoring utilizing S.M.A.R.T. (Self Monitoring and Report Technology) commands.

### Speed

- Multi-channel operation - Simultaneous access to NAND flash chips to accelerate read/write performance
- Advanced ECC On-The-Fly - Real time error correction provides users with data reliability without sacrifice to performance
- Intelligent Cache Algorithm - Multi-Segment Cache reduces host command overhead and enhances throughput from cache memory to NAND flash

### Reliability

- Enhanced Data Reliability - Independent ECC decoder/encoder for each memory channel
- Enhanced S.M.A.R.T. monitoring
- LED Wear Level Indicator

### Security

- Secure Erase
- Write Protection
- ATA Password-based Drive Access

### TRUESSD® Real-Time S.M.A.R.T. Monitoring

Hagiwara proprietary DLL provides users with the ability to monitor and measure the drive health of the HFD device in real time through Windows-based applications.

### TRUESSD® SSD Service-Life Assessment Service

Aimed to help companies determine SSD integration aptitude, the service provides insight into the potential service-life of the device based on actual drive usage.

Hagwara will provide the SSD service-life assessment for free with a purchase of any TRUESSD® based solution.

Series Name / Host Interface	Form Factor	Host Interface	Capacity	Sustained Transfer Rate (max)	Temp. Range	Features	
<b>PATA</b>							
<b>SLC</b>	HFD25P-xxxGT	2.5-inch	4GB - 64GB	Read: 66MB/s Write: 55MB/s	-40°C to +85°C -20°C to +85°C (64GB)	TRUESSD® SMART S/W Write Protect H/W Write Protect (HFD25P only) Password Lock S/W Secure Erase	
	HFD35P-xxxGT	3.5-inch					
<b>SATA</b>							
<b>SLC</b>	HFD25S-xxxGT	2.5-inch	SATA 1.5Gbps 4GB - 64GB	Read: 66MB/s Write: 55MB/s	-20°C to +85°C		
	HFD35S-xxxGT	3.5-inch					