

**DS-8ACSH** is a multi-function drive with power saving, slim size and ultra-light weight that it meets notebook computer as well as all kinds of compact or external applications.

#### FEATURES

- SATA interface. 12.7mm height for notebook computer use
- High efficient power saving modes and ACPI compliant
- Fast access time and high data transfer rate, could be vertical mounted (optional)
- DVD+R /DVD+RW /DVD-R /DVD-RW /DVD+R9/ DVD-R9 /DVD-ROM /CD-R /CD-RW / CD-ROM combination drive
- **SMART-BURN**<sup>1</sup> avoiding Buffer Under Run error, Automatically adjusting writing strategy & running OPC to provide the best burning quality
- **SMART-X**<sup>2</sup> function adjusts CD-DA / VCD / DVD data extraction to a fastest allowable speed according to both data request rate from host and disk quality
- Support Fixed packet, Variable packet, Disc-at-once, Session-at-once
- CD read compliant: CD-DA, CD-ROM, CD-ROM/XA, Photo-CD, Multi-session, Video-CD, CD-I FMV, CD Extra, CD Plus, CD-R, and CD-RW discs with diameter of 8 or 12 cm
- DVD read compliant: DVD single / dual layer (PTP, OTP), DVD-RW, DVD+RW, DVD-R, DVD-R multi-borders, DVD+R, DVD+R multi-sessions, DVD-R9 and DVD+R9 discs with diameter of 8 or 12 cm
- Conform to Orange Book: Part 2 CD-R Volume 1, Part 2 CD-R Volume 2 Multi Speed, Part 3 CD-RW Volume 1 (1x, 2x, and 4x), Part 3 CD-RW Volume2: High Speed, Part 3 CD-RW Volume 3: Ultra Speed.
- Supported transfer mode: Ultra DMA mode 6

<sup>1</sup> **SMART-BURN**: Smart Monitoring & Adapting Recording Technology for **BURN**ing.

<sup>2</sup> **SMART-X**: Smart Monitoring & Adjusting Read-speed Technology for **eX**traction.

**SPECIFICATIONS**◎ **DVD Family :****Write**

Max. 8X DVD-R PCAV writing

Max. 8X DVD+R PCAV writing

Max. 6X DVD-R9 PCAV writing

Max. 6X DVD+R9 PCAV writing

**ReWrite**

Max. 6X DVD-RW ZCLV rewriting

Max. 8X DVD+RW ZCLV rewriting

**Read**

Max. 8X DVD-ROM CAV reading

**Access time 350ms**

◎ **CD Family :****Write**

Max. 24X CD-R PCAV writing

**ReWrite**

Max. 24X CD-RW ZCLV rewriting

**Read**

Max. 24X CD-ROM CAV (Constant Angular Velocity) reading

**Access time 330ms**

◎ **Buffer Size :** 0.5MB(MAX)◎ **Compatibility :** DOS 6.xx, XP / 2003 / Vista / Win7 / Win8 / Win8.1 / Linux OS◎ **MTBF(Life) :** 60,000 POH◎ **Environment :**

Operating 5°C to 50°C; Relative Humidity: 10% to 80% (non-condensing)

Non-Operating -40°C to 65°C; Relative Humidity: 10% to 90% (non-condensing)

◎ **Dimension :** 128(W) x 12.7(H) x 126.1(D) mm◎ **Weight :** 170g Max