ImageMASSter 4008i IM 4004i IM 4002i

Hard Drive Duplication System

The ***Image MASSter 4000i*** Product line is designed as a high speed hard disk drive duplication system. The units are built as a standalone hardware solution for high volume deployment of PC and Notebook workstations. With the ***IM4000i***, setups are quick, easy and 100% reliable. The ***IM4000i*** supports copying any Windows Operating System or Non-Windows (MAC, Linux) Operating Systems. The system can simultaneously duplicate up to eight target drives using the ***IM4008i***, up to four target drives using the ***IM4004i*** and up to two target drives using the ***IM4002i***. Transfer rates can exceed 2.5GB/min. The system supports IDE, S-ATA and Solid State ATA compatible Flash devices.

Built-In Features

- IQCopy Mode
- Image Copy Mode
- Drive Info
- DoD WipeOut
- Database
- Multiple User Defined Settings
- Password Protected Settings
- Fast WipeOut
- NTFS-IQCopy
- UDMA Speed Support
- 48-Bit Support
- Block Map Copy Mode

Options and Accessories

- MultiMASSter Option
- HPA and DCO Option
- Diagnostic Option
- Notebook Adapter
- Serial-ATA Adapter
- PCMCIA ATA Adapter

www.ics-iq.com

Image MASSter™ 4008i

Intelligent Computer Solutions
9350 Eton Avenue
Chatsworth, California 91311
Phone: 818.998.5805
Fax: 818.998.3190

Description of Built-In Features and Options

- **IQCOPY and NTFS IQ Copy**
  The Image MASSter 4000 family features IQCopy™, a time-saving software technology that supports all Windows FAT/NTFS file systems and all Windows O/S (DOS/95/98/2000/NT/XP). The Automatic Load Size Detection feature of IQCopy allows copying only allocated areas of the source drive, skipping empty sectors. The Drive Geometry Independence allows copying to different size and model drives in the same load. All targets will be individually formatted and their partitions properly scaled.

- **Manage Settings**
  This function provides the user with the capability of saving multiple user defined settings. Up to 20 settings can be defined and saved.

- **Image Copy Mode (% of Disk)**
  The % of Disk copy method copies both allocated and unallocated clusters of a drive. This copy mode implements a sector-by-sector copy method. It can be used to duplicate operating systems not based on the FAT file system, such as LINUX, NOVELL, HPFS etc.

- **Drive Info**
  This menu item displays important drive information such as Model, Capacity, Serial Number etc.

- **WipeOut**
  The WipeOut copy mode provides two functions to erase all data from target drives. WipeOut Fast will clean drives in one pass using a user-defined pattern value. WipeOut DoD will "sanitize" drives using the Department of Defense standard.

- **Database**
  This menu item provides the user with a choice of saving Database information in different levels of detail.

- **48-Bit Support**
  Support drives larger than 137GB.

- **UDMA Support**
  Support of UDMA transfer protocol allows transfer rates to exceed 2.6BG/Min.

- **Block Map**
  Provides the user with the ability to select up to 10 ranges of sectors to be copied from the master drive to the target drive(s). The copy method implements a sector-by-sector copy method.

- **User Interface**
  The unit provides a graphical screen menu display and easy-to-use button interface, which the user can use to step through functions for operating the unit.

- **MultiMASSter Option**
  MultiMASSter allows the user to store up to 24 software loads on a single master drive, eliminating or reducing the need for multiple master drives.

System Specifications	
Supply Voltage	100-240V / 50-60Hz
Power Consumption	200W
Operating Temperature	5C - 55C Degrees
Relative Humidity	20%-60%
Net Weight	9.05 lbs
Overall Dimensions	13.3" X 12.1" X 4.4"

- **HPA (Host Protected Area) Option**
  HPA is defined as a reserved area for data storage outside the normal operating file system. With the HPA Option, the copy operation will configure the target HDD with a similar HPA area.

- **DCO (Device Configuration Overlay) Option**
  DCO allows systems to modify the apparent features provided by a HDD device. With the DCO Option, the copy operation will configure the target HDD with similar DCO settings.

- **Diagnostic Option**
  The HDD Diagnostic function will perform numerous mechanical and data-driven tests on up to nine drives in a "batch" operation.

- **Format FAT32 Option**
  The Format FAT32 Option provides the capability of performing a quick FAT32 format on multiple drives. No system files are transferred.

www.ics-iq.com

Image MASSter™ 4008i

Intelligent Computer Solutions
9350 Eton Avenue
Chatsworth, California 91311
Phone: 818.998.5805
Fax: 818.998.3190