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P2

AG-MSU10
Mobile Storage Unit

Fast Copying from P2 Cards to a Removable Solid–State Drive.*1
A Mobile Tool for Speeding Up P2HD Workflow.

The AG-MSU10 Mobile Storage Unit has a P2 card slot and an interface box for a solid-state drive (SSD)*1 that will hold up to 2 TB (terabytes) of data. In addition to its compact, lightweight, rugged design, it features battery-powered operation for versatile field use. Files recorded onto a P2 card can be copied onto an SSD at about 4x normal speed for AVC-Intra 100 contents.*2 It has both eSATA and USB 2.0 connectors, so files can be easily transferred by connecting the AG-MSU10 to an external HDD or PC /Mac. Uploading to a backup or nonlinear editing system is fast and easy as well. The removable SSD interface box is also equipped with eSATA and USB 2.0 connectors, so it can be removed from the AG-MSU10 and connected directly to a PC/Mac.

Special attention to field–based operation is further seen in features like one–button copying, a clip thumbnail display on the built–in LCD, and clip–by–clip copying. The AG-MSU10 contributes to comfortable file–based P2HD production by increasing speed, efficiency and reliability.

*1: Use a commercially available removable SSD recommended by Panasonic. In addition to the removable SSD interface box that comes with the AG-MSU10 as a standard accessory, an additional AG-MBX10 can be purchased as an option.

*2: File transfer speed varies depending on the SSD and external HDD writing speed, transferred files, P2 card version, and other conditions. Without verification.

AG-MSU10 Mobile Storage Unit

Fast Copying from a P2 Card to a Built-in Removable SSD*1

The AG-MSU10 has a P2 card slot and an interface box for housing a commercially available 2.5 type solid state drive (SSD) with Serial ATA interface.*1 Copying from a P2 card to the SSD can be done. The SSD has a maximum capacity of 2 TB (terabytes). HD files recorded with an AVC-Intra 100 codec (video bit rate: approximately 100 Mbps) can be copied at about four times*2 normal speed, and about eight times*2 normal speed for files recorded with an AVC-Intra 50 (video bit rate: approximately 50 Mbps).

*1: Use a commercially available removable SSD that is recommended by Panasonic. In addition to the removable SSD interface box that comes with the AG-MSU10 as a standard accessory, an additional AG-MBX10 can be purchased as an option. Do not use Hard Disk Drive instead of SSD. For compatible SSD information, please refer to the following WEB site. http://pro-av.panasonic.net/en/sales_o/p2/ag-msu10/
*2: File transfer speed varies depending on the SSD and external HDD writing speed, transferred files, P2 card version, and other conditions. Without verification.

Backup onto an External HDD with eSATA/USB 2.0

The AG-MSU10 is equipped with eSATA and USB 2.0 interfaces (both Host and Device). In Host mode, files in the internal P2 card can be copied onto an external HDD at high speed without a PC /Mac. In Device mode, the AG-MSU10 can be used as an external drive for reading and writing data between a PC, Mac or nonlinear editing system and a P2 card or SSD.

* In Host mode, reading and writing is only possible with the P2 card. The SSD cannot be used. The P2 card/SSD can be used in Device mode, but reading and writing with the P2 card is only possible with the USB 2.0 interface.

The Removable SSD Connects Directly to a PC/Mac

The removable SSD interface box is equipped with both eSATA and USB 2.0 connectors. It can be removed from the AG-MSU10 and connected directly to a PC, Mac or nonlinear editing system for use in Device mode. This enables flexible operation as a removable media.

* One SSD interface box comes with the AG-MSU10. Additional boxes AG-MBX10 are optionally available.
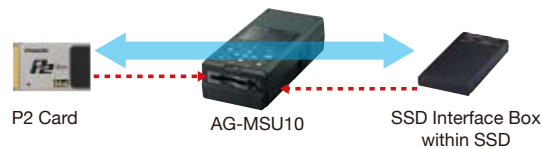
Single Button Copy and Thumbnail Display

Copying from a P2 card to a built-in SSD can be done swiftly with single-button operation. A clip thumbnail can also be displayed onto the built-in 82 mm (3.2 inches) LCD panel and images can be copied clip by clip. The condition and status displays enable easy-to-understand operation.
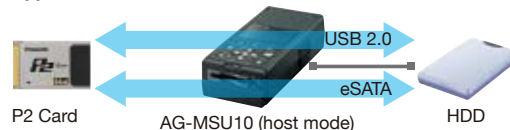
Compact, Lightweight, Robust Design and Battery Drive

The AG-MSU10, which has superb portability features and a compact, lightweight and robust design, can also be battery driven. The P2 card and SSD ensure reliable use even in extremely harsh shooting conditions.
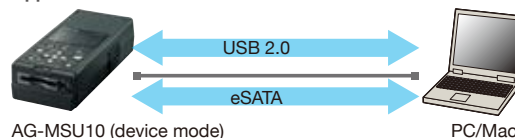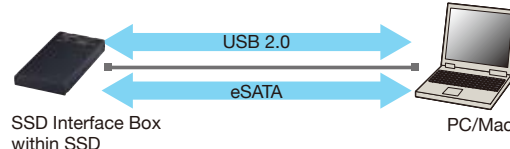

Application 1: Between a P2 card and a SSD

Application 2: Between a P2 card and a external HDD

Application 3: Between the AG-MSU10 and a PC/Mac

Application 4: Between an SSD Intreface Box and a PC/Mac

Specifications (As of August, 2010)

Supply Voltage:	DC 7.2/7.9 V
Current consumption:	1.1 A
Battery:	DC 7.2 V with CGA-D54 battery (5400 mAh)
Weight:	AG-MSU10: approx. 770 g (1.69 lb) Main unit only. without SSD interface box and Battery. AG-MBX10: approx. 135 g (0.3 lb) without SSD
Dimensions:	W 99 mm x H 58 mm x D 212 mm (W 3-9/10 inches x H 2-7/25 inches x D 8-7/20 inches) (Excluding protrusions)
Operating Temperature:	0 °C to 40 °C (32 °F to 104 °F)
Operating Humidity:	10 % to 80 % (no condensation)
Storage Temperature:	–20 °C to 60 °C (–4 °F to 140 °F)
Storage Humidity:	85 % or less (no condensation)

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ISO 9001 JQA-0443

ISO 14001 EC98J2010

UKAS ENVIRONMENTAL MANAGEMENT 051

Factories of Systems Business Group have received ISO14001:2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)