

## AtomX SSDmini

MG Series 500GB/1TB/2TB



### Overview

#### Sony AtomX SSDmini

The Sony AtomX SSDmini is smaller than regular SSD, designed specifically for the Atomos Ninja V recorder. AT only 80mm long and 75.5mm wide, it is 20% smaller than other conventional 2.5-inch SSDs and super robust metal cased construction, perfectly fits into the compact card slot of Ninja V.

With a built-in SATA III connector, the Sony AtomX SSDmini can be used with 7-inch and 19-inch Atomos monitor recorders. For use with 19-inch Atomos monitor recorders, just screw the Sony AtomX SSDmini Handle (sold separately) onto the Sony AtomX SSDmini. The drive can easily be inserted and removed from the disk slot, eliminating the need to use the Master Caddy II.\*1

\*1 For use with Sumo19, Sumo19M and Shogun Studio, AtomX SSDmini handles (ATOMXSSDH1) are necessary.

### Features

#### Compatible with All Codecs Supported by ATOMOS Recorders

The Sony AtomX SSDmini achieves superfast transfer speeds: 550MB/s read speed and 500MB/s write speed. Certified by Atomos\*2 and compatible with all codecs supported by Atomos recorders, enabling users to shoot in the highest video formats without any frame drops.

\*2 Certified by Atomos as of December 2018.

#### Available 3 sizes up to 2TB

The Sony AtomX SSDmini is available in 500GB, 1TB, and 2TB storage options. You can switch 500 GB drives frequently to record shot clips, or you can shoot hours of video using a single storage of 2TB, for example, approx.120min in 4K 60p ProRes HQ mode.

The Sony AtomX SSDmini series allows you to choose with much flexibility to meet your needs for advanced video creation.

#### Highly reliable

With a durable connector tested over 3000 times and shock resistance of up to 1500G / 0.5ms the Sony AtomX SSDmini comes with the reliability you expect from Sony.

| General               |                                                     |
|-----------------------|-----------------------------------------------------|
| Product Name          | SV-MGS50<br>SV-MGS1T<br>SV-MGS2T                    |
| Capacities            | 500GB<br>1TB<br>2TB                                 |
| Interface             | SATA3 (6Gbps)                                       |
| Transfer Speed        | Sequential Read 550MB/s<br>Sequential Write 500MB/s |
| Dimensions            | 75.5 x 80 x 7.8 mm                                  |
| Weight                | 88 g                                                |
| Writing cycle         | 3,000 times                                         |
| Operating Temperature | 0 ~ 40°C                                            |
| Storage Temperature   | -40°C ~ 85°C                                        |
| Warranty              | 3 years                                             |

| Recording Time     |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| 4K 60p (DCI 59.94) | ProRes RAW HQ*<br>500GB: Approx. 17min<br>1TGB: Approx. 35min<br>2TB: Approx. 70min |
|                    | ProRes RAW*<br>500GB: Approx. 25min<br>1TGB: Approx. 50min<br>2TB: Approx. 100min   |
| 4K 30p (DCI 29.97) | Cinema DNG<br>500GB: Approx. 15min<br>1TGB: Approx. 30min<br>2TB: Approx. 60min     |
|                    | ProRes RAW HQ<br>500GB: Approx. 35min<br>1TGB: Approx. 70min<br>2TB: Approx. 140min |
|                    | ProRes RAW<br>500GB: Approx. 50min<br>1TGB: Approx. 100min<br>2TB: Approx. 200min   |
|                    |                                                                                     |

|                   |                       |
|-------------------|-----------------------|
| 4K 60p(UHD 59.94) | ProRes HQ             |
|                   | 500GB: Approx. 30min  |
|                   | 1TGB: Approx. 60min   |
|                   | 2TB: Approx. 120min   |
|                   | ProRes 422            |
|                   | 500GB: Approx. 45min  |
|                   | 1TGB: Approx. 90min   |
|                   | 2TB: Approx. 180min   |
|                   | ProRes LT             |
|                   | 500GB: Approx. 67min  |
|                   | 1TGB: Approx. 135min  |
|                   | 2TB: Approx. 270min   |
|                   | DNxHR HQX             |
|                   | 500GB: Approx. 30min  |
|                   | 1TGB: Approx. 60min   |
|                   | 2TB: Approx. 120min   |
|                   | DNxHR HQ              |
|                   | 500GB: Approx. 30min  |
|                   | 1TGB: Approx. 60min   |
|                   | 2TB: Approx. 120min   |
|                   | DNxHR SQ              |
|                   | 500GB: Approx. 45min  |
|                   | 1TGB: Approx. 90min   |
|                   | 2TB: Approx. 180min   |
|                   | DNxHR LB              |
|                   | 500GB: Approx. 150min |
|                   | 1TGB: Approx. 300min  |
|                   | 2TB: Approx. 600min   |

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**4K 30p (UHD 29.97)**

ProRes HQ  
500GB: Approx. 65min  
1TGB: Approx. 130min  
2TB: Approx. 260min

ProRes 422  
500GB: Approx. 95min  
1TGB: Approx. 190min  
2TB: Approx. 380min

ProRes LT  
500GB: Approx. 145min  
1TGB: Approx. 290min  
2TB: Approx. 580min

DNxHR HQX  
500GB: Approx. 65min  
1TGB: Approx. 130min  
2TB: Approx. 260min

DNxHR HQ  
500GB: Approx. 65min  
1TGB: Approx. 130min  
2TB: Approx. 260min

DNxHR SQ  
500GB: Approx. 95min  
1TGB: Approx. 190min  
2TB: Approx. 380min

DNxHR LB  
500GB: Approx. 330min  
1TGB: Approx. 660min  
2TB: Approx. 1,320min

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