

## 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.

\*<sup>2</sup> 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.

## Specifications

### General

Product Name	SV-MGS50
	SV-MGS1T
	SV-MGS2T

---

Capacities	500GB
	1TB
	2TB

---

Interface	SATA3 (6Gbps)
-----------	---------------

---

	Sequential Read 550MB/s
--	-------------------------

---

Transfer Speed	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\*  
 500GB: Approx. 17min  
 1TGB: Approx. 35min  
 2TB: Approx. 70min

ProRes RAW\*  
 500GB: Approx. 25min  
 1TGB: Approx. 50min  
 2TB: Approx. 100min

Cinema DNG  
 500GB: Approx. 15min  
 1TGB: Approx. 30min  
 2TB: Approx. 60min

4K 30p (DCI 29.97)

ProRes RAW HQ  
500GB: Approx. 35min  
1TGB: Approx. 70min  
2TB: Approx. 140min

ProRes RAW  
500GB: Approx. 50min  
1TGB: Approx. 100min  
2TB: Approx. 200min

---

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

4K 60p(UHD 59.94)

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

---

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

---

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

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

---

## Gallery

