

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.

Specifications

General

Product Name	SV-MGS50
	SV-MGS1T
	SV-MGS2T

Capacities	500GB
	1TB
	2TB

Interface	SATA3 (6Gbps)
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	Sequential Read 550MB/s
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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

