

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 SV-MGS1T SV-MGS2T
Capacities	500GB 1TB 2TB
Interface	SATA3 (6Gbps)
Transfer Speed	Sequential Read 550MB/s 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
4K 30p (DCI 29.97)	Cinema DNG 500GB: Approx. 15min 1TGB: Approx. 30min 2TB: Approx. 60min
	ProRes RAW HQ 500GB: Approx. 35min 1TGB: Approx. 70min 2TB: Approx. 140min
	ProRes RAW 500GB: Approx. 50min 1TGB: Approx. 100min 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

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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