

DIGIMERGE

Service Bulletin

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Product Series: DHU500 / D17800 / VCE300 / D300 / D204 / DHU500B / DHU500R / DHU500R+ / D221600 / DHU100

Purpose: To explain differences between IDE (PATA) drives and SATA drives

Hard Drive Details:

Currently there are 2 Interface types of Seagate IDE Drives, PATA (parallel ATA) and SATA (serial ATA); Serial ATA is a brand new standard which uses a different kind of data and power cable, which is not compatible with our older DVR Line (and some of our current generation). Please see the table below for clarification on which DVR's use which hard drives.

Here is a list of part numbers for the Seagate SV35.2 PATA Drives and the DVR's that support those drives

Interface	Size	Model	DHU500R	D17800	VCE300	DHU500B	D300/D200
ATA/100	160GB	ST3160815AV	Yes	Yes	Yes	Yes	Yes
ATA/100	250GB	ST3250820AV	Yes	Yes	Yes	Yes	Yes
ATA/100	320GB	ST3320620AV	Yes	Yes	Yes	Yes	Yes
ATA/100	500GB	ST3500630AV	Yes	Yes	Yes	Yes	Yes
ATA/100	750GB	ST3750640AV	Yes	No	Yes	No	No

Our Next Generation DVR's should be supporting the new SATA Drives

Here is a list of part numbers for the Seagate SV35.2 SATA Drives and the DVR's that support those drives

Interface	Size	Model	D2216	DHU500R+	DHU100
SATA	160GB	ST3160815SV	Yes	Yes	Yes
SATA	250GB	ST3250820SV	Yes	Yes	Yes
SATA	320GB	ST3320620SV	Yes	Yes	Yes
SATA	500GB	ST3500630SV	Yes	Yes	Yes
SATA	750GB	ST3750640SV	Yes	Yes	Yes

*****PLEASE NOTE: The DHU500R+ (plus) uses SATA Hard drives, whereas the DHU500R uses the PATA Drives. This is identifiable by the serial numbers starting with "DB05" for the DHU500R+**

The VB300 Series uses the 2.5" SATA (Laptop) Drives.

Interface	Size	Model	VB300 / Blade
SATA	120GB	ST9120315AS	Yes
SATA	250GB	ST9250315AS	Yes
SATA	250GB	ST9250315ASG	Yes
SATA	500GB	ST9500325AS	Yes
SATA	500GB	ST9500325ASG	Yes

This list is complete as of the release date of this document, but there will likely be more drives released by Seagate in the future. For more information on these models visit:

http://www.seagate.com/www/en-us/products/consumer_electronics/sv35_series/SV35_7200.2/

The 2.5" SATA Drives can be found here.

http://www.seagate.com/www/en-us/products/laptops/momentus/momentus_5400.6/