

## 7.x READ MEDIA SERIAL NUMBER command

The READ MEDIA SERIAL NUMBER command (see table Y) allows reports the media serial number reported by the device and the currently mounted media.

**Table Y — READ Media Serial Number command**

Bit	7	6	5	4	3	2	1	0	
0	OPERATION CODE (ABh)								
1	Reserved			SERVICE ACTION (01h)					
2	Reserved								
3	Reserved								
4	Reserved								
5	Reserved								
6	(MSB)								
7	DATA LENGTH								
8									
9								(LSB)	
10	Reserved								
11	CONTROL								

The DATA LENGTH field specifies how many bytes have been allocated for the returned parameter list. If the length is not sufficient to contain the entire parameter list, the first portion of the list shall be returned. This shall not be considered an error.

The MEDIA SERIAL NUMBER response form is as shown in Table B.

**Table B — READ PROPERTY with MEDIA SERIAL NUMBER service action format**

Bit	7	6	5	4	3	2	1	0
0	DATA LENGTH (4n-4)							
3								
<b>Serial Number</b>								
4	MEDIA SERIAL NUMBER							
4n-1								

The DATA LENGTH field shall contain the number of bytes of media serial available given a sufficient ALLOCATION LENGTH following this field. This length shall not be adjusted due to an insufficient ALLOCATION LENGTH.

The MEDIA SERIAL NUMBER field contains data that is the vendor specific serial number of the media currently installed. This data shall be returned with no modification, beginning with byte 4 bit 7 of the returned page. Any unused bytes in the MEDIA SERIAL NUMBER (to ensure four-byte padding) shall be padded with zero (00h). There shall not be more than three pad bytes.

If the MEDIA SERIAL NUMBER is not available, i.e., the currently installed media has no valid serial number, the device server shall return only four bytes of zero (the AVAILABLE DATA field).

If there is currently no media in the device, a request for the MEDIA SERIAL NUMBER service action shall return CHECK CONDITION, with SK:ASC:ASCQ of 3h:03Ah:00h – MEDIUM NOT PRESENT.