

FIELD	SIZE	VALUE	Descriptions	total block size
magic_number	4Bytes	0xAA55A5A5	magic number to indicate single binary format	512 Bytes
image_info[0].start	4Bytes		start offset of the first partition in block units	
image_info[0].size	4Bytes		size of the first partition in block units	
image_info[1].start	4Bytes		start offset of the second partition in block units	
image_info[1].size	4Bytes		size of the second partition in block units	
image_info[2].start	4Bytes		start offset of the third partition in block units	
image_info[2].size	4Bytes		size of the third partition in block units	
image_info[3].start	4Bytes		start offset of the fourth partition in block units	
image_info[3].size	4Bytes		size of the fourth partition in block units	
image_info[4].start	4Bytes		start offset of the fifth partition in block units	
image_info[4].size	4Bytes		size of the fifth partition in block units	
image_info[5].start	4Bytes		start offset of the sixth partition in block units	
image_info[5].size	4Bytes		size of the sixth partition in block units	
image_info[6].start	4Bytes		start offset of the seventh partition in block units	
image_info[6].size	4Bytes		size of the seventh partition in block units	
image_info[7].start	4Bytes		start offset of the eighth partition in block units	
image_info[7].size	4Bytes		size of the eighth partition in block units	
Reserved	444 Bytes	0xFF	reserved area	4096 Bytes
partition_attributes[0]	512 Bytes		eSD2.1 partition attributes for the first physical partition	
partition_attributes[1]	512 Bytes		eSD2.1 partition attributes for the second physical partition	
partition_attributes[2]	512 Bytes		eSD2.1 partition attributes for the third physical partition	
partition_attributes[3]	512 Bytes		eSD2.1 partition attributes for the fourth physical partition	
partition_attributes[4]	512 Bytes		eSD2.1 partition attributes for the fifth physical partition	
partition_attributes[5]	512 Bytes		eSD2.1 partition attributes for the sixth physical partition	
partition_attributes[6]	512 Bytes		eSD2.1 partition attributes for the seventh physical partition	
partition_attributes[7]	512 Bytes		eSD2.1 partition attributes for the eighth physical partition	
Reserved	1043968 Bytes	0xFF	Fill this area with 0xFF.	1043968 Bytes
real_data			The real data of the file	

Notes

- 1st, partition info[*].start and partition info[*].size are all related to the address and size within the real data(in block units)
- 2nd, Please fill all bytes within this header of the related fields of empty partitions to 0xFF.
- 3rd, Please refer to the data block of SPLIT_PARTITION for the partition_attributes[*] field. (The size of user partition which ID = 0x00 will be ignored.)
- 4th, the value of .start and .size should be 0x100 aligned, eg. 0x2100 is allowed while 0x2180 is forbidden.
- 5th, 1 block unit = 512 bytes
- 6th, Please specify the "Partition size" of user partition(ID = 0x00) to the size that you want to erase within it.

!!!IF USED FOR REMAPPING FUNCTION, THEN ALL THE FIELDS(EXCEPT PARTITION SIZE) WITHIN THIS HEADER AFTER FIRST 512BYTES WILL BE IGNORED!!!

The data block describes the new physical partition to create:

Name	Bytes	Comments
Partition ID	0	A unique and free ID to assign the new physical partition
Reserved	1-3	Reserved (set all to '0')
Partition size	4-7	Partition size in block (512 bytes) units
Reserved	8-255	Reserved (set all to '0')
Partition attributes	256-511	Attributes for the partition (see Table 2-16)

eSD2.10 Data block for SPLIT_PARTITION