

## e-MMC Special Features for General Supports

When creating a job in Data I/O's TaskLink with general EMMC supports, the Special Features tab may list new options for e-MMC devices. This document explains relevant and recent options.

The default values might work in some cases. Make sure to set the values according to your system and device.

For other TaskLink device notes, please refer to <http://ftp.dataio.com/FCNotes/Footnote/>

### *Relevant Customer Options*

#### 1) **Manufacture ID (hex)**

Check the related device spec and set the correct **Manufactory ID** value: **MID[127:120]**

#### 2) **Part Number**

Check the related device spec and set the correct **Product Name** value: **PNM[103:56]**

#### 3) **Blank Status**

-0x00

-0xFF

Check the related device spec and set the correct **Erased memory content** value: **ERASED\_MEM\_CONT[181]**

#### 4) **MMC Version**

-MMC 4.2 below

-MMC 4.3

-MMC 4.4

-MMC 4.41

-MMC 4.5

Check the related device spec and set the correct **MMC version** value

#### 5) **Device Capacity**

-Greater than 256GB

-Greater than 2GB and not greater than 256GB

-Not greater than 2GB

Check the related device spec and set the correct **Device Size** value

### ***Special Notes***

NOTE: The device size of related general EMMC supports are 16GB so the programming data file couldn't exceed this range.

NOTE: The sector size of related general EMMC supports are 512KB, the programming data file need suitable to sector size of the supports.

NOTE: As we support general EMMC with 0x00 as blank status, we should Mark if the device blank status is not 0x00, then partial download will have no effect.

HINT: Check whether the value required are Hexadecimal or Decimal units.

### ***Revision History***

V1.0    Mar 30, 2013  
Created doc

## **Appendix**

For file "Super Partition Organization.PDF" see <http://ftp.dataio.com/FCNotes/Footnote/>