



Manufacturer: Crestron
Model Number: DMC-4K-C-HDCP2, DMC-4K-C-DSP-HDCP2, DMC-4KZ-C
Description: DM 4K 8G+/HDBASET INPUT CARD
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Date (M/D/YYYY): 1/2/2015

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Statement of Memory Volatility for DMC-4K-C-HDCP2, DMC-4K-C-DSP-HDCP2

Volatile and non-volatile memory information/configuration:

Type of Memory	Size of Memory	Purpose of this Memory	Data retention after power off Note 1	User data Note 2	How is data input to this memory?	How is memory protected from accidental overwrite by the user? (e.g. Password, Jumpers, Switch settings, Software) - Enter N/P if it can't be write protected.
1.EEPROM U73	8 kilo Bits 24C08 I2C	Device Config HDBT EDID Channel	No	No	Other -> Can be loaded from micro on the DSP port or external on the DDC port if write enable bit is set	No user access.
2.FLASH PROM U34, U37	4 Mega Bits W25X40CL	Firmware HDMI HDCP 2.2 Firmware	No	No	Other -> Can be loaded from micro	No user access.
3.FLASH PROM U64	1 Mega Bits M25P10	Firmware HDBT Firmware	No	No	Other -> Can be loaded from micro	No user access.
4.FLASH PROM U14	1 Mega Bits M25P10	Device Config HDMI Crosspoint EDID Data	No	No	Other -> Can be loaded from micro	No user access.
5.FLASH PROM U9	2 Mega Bits STM32F427Z Internal	Firmware Intenral FLASH for microcontrollers	No	No	Factory Loaded	No user access.
6.SRAM U9	256 kilo Bits STM32F427Z Internal	Temporary Storage Intenral SRAM for microcontrollers	No	No	Factory Loaded	No user access.
7.SRAM U32	512 kilo Bits 88E6035	Temporary Storage Ethernet MAC Embedded memory	No	No	Other -> Ethernet packets	No user access.

Note 1: Can user data, i.e. Audio, Video, documents (Word, pdf etc.) or spreadsheet retain after power down?

Note 2: Can user data, i.e. Audio or Video, documents (Word, pdf etc.) or spreadsheet be written to this memory during normal operation? User settings and operational parameters such as volume setting, IP address etc. are not considered User data on this declaration. Only Audio, Video, documents (Word, pdf etc.) or spreadsheet is considered user data.



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8.FLASH PROM	4 Mega Bytes	Firmware	Yes	No	Special software required	Requires external device & software
9.SDRAM	8 Mega Bytes	Temporary Storage	No	Yes	Special software required	Not user accesible
10.< >	<><>	< >	< >	< >	< >	
11.< >	<><>	< >	< >	< >	< >	
12.< >	<><>	< >	< >	< >	< >	
13.< >	<><>	< >	< >	< >	< >	
14.< >	<><>	< >	< >	< >	< >	

Dave Zhang ; Hardware eng.

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