	Via	Cable	Card	Loops	Rm 2241 DM-MD32x32 Inputs	2223	Outputs		Card	Cable	Via	
Phase 1	DM-TX1-4K-C-1G	DM	DMC-4K-C-DSP	Computer HDMI #1	1		1	Projector A	DMC 4K CO HD	DM	RMC-4K-Scaler-c	
					Loop		2	Projector B		DM	RMC-4K-Scaler-c	
	DM-TX1-4K-C-1G	DM	DMC-4K-C-DSP	Computer HDMI #2	2		3	Projector C	DMC 4K CO HD	DM	RMC-4K-Scaler-c	
					loop		4	Real-time Preview		DM	RMC-4K-Scaler-c	
	DM-TX1-4K-100-C-1G	DM	DMC-4K-C	Doc Camera HDMI #3	3		5	2241 - Tie A	DMC-4K-HDO	HDMI to SDI	Mini Converter	To Smart Video Hub
					loop		6	2241 - Tie B		HDMI to SDI	Mini Converter	
	DM-TX1-4K-C-1G	DM	DMC-4K-C-DSP	Apple TV HDMI #1	4		7	2241 - Tie C	DMC-4K-HDO	HDMI to SDI	Mini Converter	
					loop		8	2241 - Tie D		HDMI to SDI	Mini Converter	
	DM-TX1-4K-C-1G	DM	DMC-4K-C-DSP	Apple TV HDMI #2	5		9	Stream A	DMC-STRO	One View	for Touch Screen?	Like we did for 2103
					loop		10	Stream B	DMC-STRO	Two View	Room Live View	
	DM-TX-200-C-2G	DM	DMC-C	Table 1, Computer #1	6		11	2241 - Q1	DMC-4K-HDO	HDMI	Streight into HDMI unit. Convet into SDI is an option	Smith Page out 4ch Multiviewer -Will need to be up graded to true 4K
					loop		12	2241 - Q2		HDMI		
	DM-TX-200-C-2G	DM	DMC-C	Table 1, Computer #2	7		13	2241 - Q3	DMC-4K-HDO	HDMI		
					loop		14	2241 - Q4		HDMI		
	DM-TX-200-C-2G	DM	DMC-C	Table 2, Computer #1	8		15					
					loop		16					
	DM-TX-200-C-2G	DM	DMC-C	Table 2, Computer #2	9		17					
					loop		18					
	Camera Mapping to aid with "Smith Page" And to hold a slot open when Cameras are updated From Smart Video Hub	SDI	DMC-SDI	Camera #1, 2241	10		19					
					loop		20					
		SDI	DMC-SDI	Camera #2, 2241	11		21					
					loop		22					
		SDI	DMC-SDI	Camera #3, 2241	12		23					
					loop		24	Projector B		DM	RMC-Scaler-c	
		SDI	DMC-SDI	Camera #4, 2241	13		25	Projector A	4ch DMCO-55	DM	RMC-Scaler-c	
					loop		26	OPEN				
	From Smart Video Hub For Projectors	SDI	DMC-SDI	Video in for PJ-A	14		27	OPEN				
					loop		28	2223 - Tie A		HDMI to SDI	Mini Converter	To Smart Video Hub
		SDI	DMC-SDI	Video in for PJ-B	15		29	2223 - Tie B	4ch DMCO-33	HDMI to SDI	Mini Converter	
					loop		30	2223 - Tie C		HDMI to SDI	Mini Converter	
		SDI	DMC-SDI	Video in for PJ-C	16		31	OPEN				
					loop		32	Stream A	2ch DMCO-77	One View	Touch Screen	
	Lecturn Real-Time Single Ch Pre-View	SDI	DMC-SDI	Lecturn PreView	17		33	Stream B		Two View	Live View	Optional
					loop							
	From Smart Video Hub For Pre-View	SDI	DMC-SDI	Video Preview Q1	18							
					loop							
		SDI	DMC-SDI	Video Preview Q2	19							
					loop							
		SDI	DMC-SDI	Video Preview Q3	20							
					loop							
		SDI	DMC-SDI	Video Preview Q4	21							
					loop							
	4ch multiviewer Real-time switched	HDMI	DMC-4K-HD	Smith Page 4ch View	22							
					loop							
	Maintain 4K Signal	HDMI	DMC-4K-HD	Conferencing Computer	23							
					loop							
	Maintain 4K Signal	HDMI	DMC-4K-HD	Conferencing Computer	24							
					loop							
Room 2223 Future	DM-TX1-4K-C-1G	DM	DMC-4K-C-DSP	Computer HDMI #1	25							
					loop							
	DM-TX1-4K-C-1G	DM	DMC-4K-C-DSP	Computer HDMI #2	26							
					loop							
	DM-TX1-4K-C-1G	DM	DMC-4K-C-DSP	Apple TV HDMI	27							
					loop							
	From Smart Video Hub	SDI	DMC-SDI	Camera #1, 2223	28							
				To Video Hub	loop							
	TX-200-2G	DM	DMC-C	Table, Computer #1	29							
					loop							
	TX-200-2G	DM	DMC-C	Table , Computer #2	30							
					loop							
	From Smart Video Hub	SDI	DMC-SDI	Video in for TPS	31							
					loop							
		SDI	DMC-SDI	Video in for PJ-B	32							
					loop							
		SDI	DMC-SDI	Video in for PJ-C								

Future Room 2223

<-- Defult Path

NO LOOPS

Smart Video Hub

Inputs **Outputs**

"SDI CONVERTER"

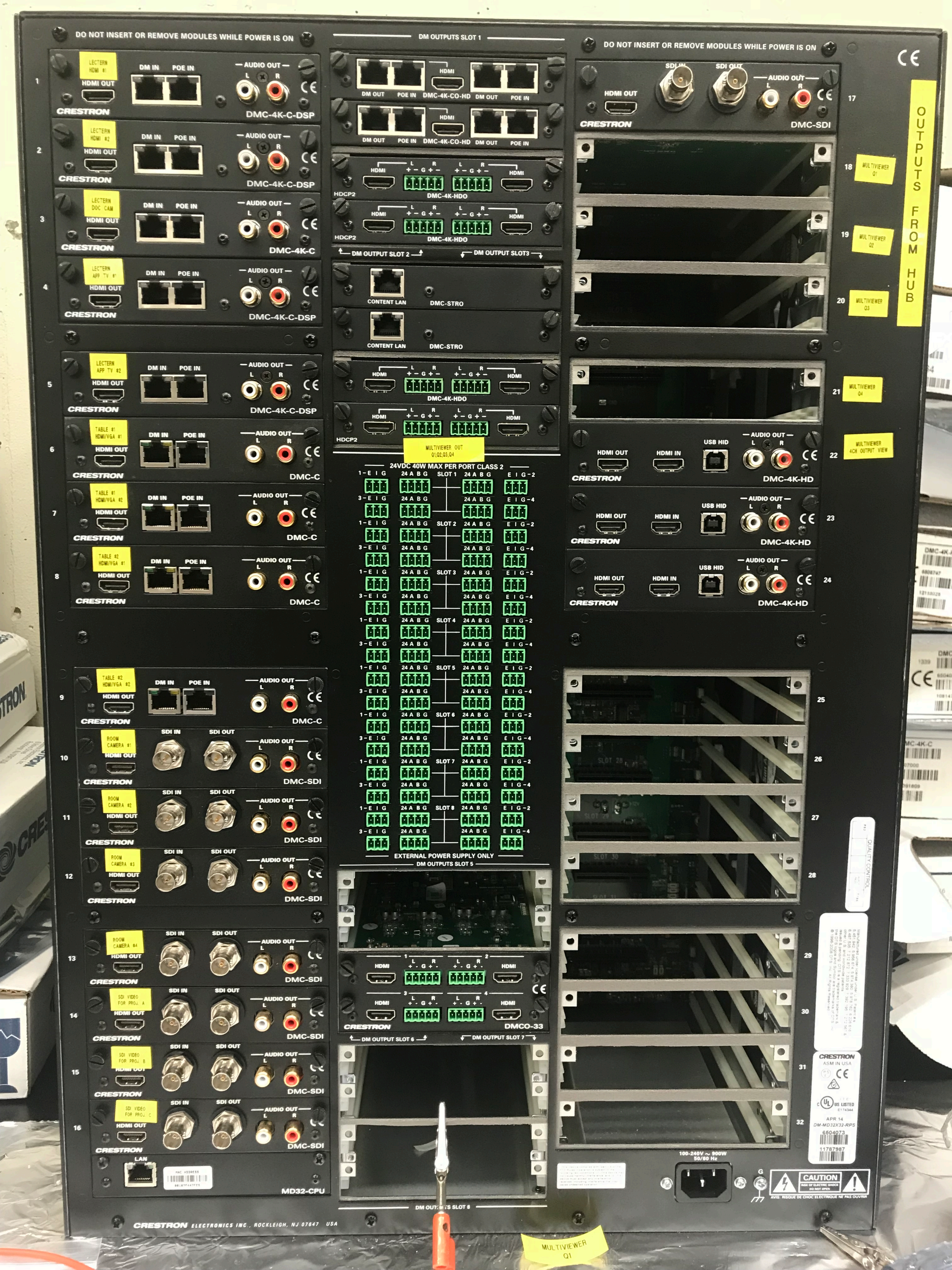
{ all are SDI unless stated }

Phase 1		Inputs	Outputs			DM input
2241 Lectern: NTSC	Lectern, Video in	1	1	Rm 2241 Rear Monitor		
From Source via SDI convert at camera	Camera #1, 2241	2	2	Camera #1, 2241	To 2241 MD32/32	#10
	Camera #2, 2241	3	3	Camera #2, 2241		#11
	Camera #3, 2241	4	4	Camera #3, 2241		#12
	Camera #4, 2241	5	5	Camera #4, 2241		#13
Vid 1's SDI, Vids 2's Converted	Table 1, Vid #1	6	6	2241 for PJ-A	To 2241 MD32/32 Output to projectors	#14
	Table 1, Vid #2	7	7	2241 for PJ-B		#15
	Table 2, Vid #1	8	8	2241 for PJ-C		#15
	Table 2, Vid #2	9	9	Lectern, Video out		
2241 Computer Map, via DM [HDMI to SDI converter]	2241 - Tie A	10	10	Table 1, Vid #3		
	2241 - Tie B	11	11	Table 2, Vid #3		
	2241 - Tie C	12	12	Video Preview Q1	To 2241 MD32/32 for "Smith Page"	#18
	2241 - Tie D	13	13	Video Preview Q2		#19
2241 Wall plates	Wall Plate 2A	14	14	Video Preview Q3		#20
	Wall Plate 3A	15	15	Video Preview Q4		#21
	Wall Plate 5A	16	16	Wall Plate 2B		
	Wall Plate 6A	17	17	Wall Plate 3B		
	Wall Plate 1A	18	18	Wall Plate 5B		
	Wall Plate 4A	19	19	Wall Plate 6B		
	Wall Plate 7A	20	20	Wall Plate 1B		
	Wall Plate 6A	21	21	Wall Plate 4B		
	Wall Plate 8A	22	22	Wall Plate 7B		
	Wall Plate 9A	23	23	Wall Plate 6B		
	Wall Plate 10A	24	24	Wall Plate 8B		
	Wall Plate 11A	25	25	Wall Plate 9B		
	Wall Plate 11C	26	26	Wall Plate 10B		
		27	27	Wall Plate 11B		
		28	28	Wall Plate 11D		
		29	29			
Edits are on going below this line	Aux. CR Video In #1	30	30			
	Aux. CR Video In #2	31	31			
	Aux. CR Video In #3	32	32	Output to CR Viewer		
	CR Multiview in	33	33	Video Capture #1	Quad 2 Video Capture Card PCIex8 - Computer Production Switcher	**Edits are on going below this line**
	Museum 1	34	34	Video Capture #2		
	Museum 2	35	35	Video Capture #3		
	Wood Shop	36	36	Video Capture #4		
	From 4040B Hub #1	37	37	Out to 4040A Hub #1		
	From 4040B Hub #2	38	38	Out to 4040A Hub #2		
	From 4040B Hub #3	39	39	Out to 4040A Hub #3		
	From 4040B Hub #4	40	40	Out to 4040A Hub #4		

Phase 2 - - hasn't been purchased

		From 4040A Hub #1	1	1	Out to 4040B Hub #1	
		From 4040A Hub #2	2	2	Out to 4040B Hub #2	
		From 4040A Hub #3	3	3	Out to 4040B Hub #3	
		From 4040A Hub #4	4	4	Out to 4040B Hub #4	
	2103 Lectern: NTSC	Lectern, Vid #1	5	5	Rm 2103 Rear Monitor 1	
		Lectern, Vid #2	6	6	Rm 2103 Rear Monitor 2	
	From Source	Camera #1, 2103	7	7	Camera #1, 2103	To 2103 MD32/32
		Camera #2, 2103	8	8	Camera #2, 2103	
		Camera #3, 2103	9	9	Camera #3, 2103	
		Camera #4, 2103	10	10	Camera #4, 2103	
	From MD32/32	Camera #5, 2103	11	11	2103 for TPS	To 2103 MD32/32 Output to Projectors
		Camera #6, 2103	12	12	2103 for PJ-B	
	2103 Tables: NTSC	Table 1, Vid #1	13	13	2103 for PJ-A	
		Table 1, Vid #2	14	14	2103 for PJ-C	
		Table 2, Vid #1	15	15	Lectern, Vid #3	
		Table 2, Vid #2	16	16	Lectern, Vid #4	
		Table 3, Vid #1	17	17	Table 1, Vid #3	
		Table 3, Vid #2	18	18	Table 2, Vid #3	
	2103 Wall plates	Wall Plate 1A	19	19	Table 3, Vid #3	
		Wall Plate 2A	20	20	Wall Plate 1B	
		Wall Plate 3A	21	21	Wall Plate 2B	
	2103 Aux Wall Plates Inputs	Wall Plate 8A	22	22	Wall Plate 3B	
		Wall Plate 9A	23	23	Wall Plate 4A	
		Wall Plate 10A	24	24	Wall Plate 4B	
		Wall Plate 11A	25	25	Wall Plate 8B	2103 Aux Wall Plates Outputs
		Wall Plate 11C	26	26	Wall Plate 9B	
	Computer Map	2103 - Tie A	27	27	Wall Plate 10B	
		2103 - Tie B	28	28	Wall Plate 11B	
		2103 - Tie C	29	29	Wall Plate 11D	
		2103 - Tie D	30	30	Camera #1, 2223	To 2241 MD32/32
	From Source	Camera #1, 2223	31	31	2223 for TPS	To 2241 MD32/32 output to Projectors
	Computer Map	2223 - Tie A	32	32	2223 for PJ-B	
		2223 - Tie B	33	33	2223 for PJ-A	
		2223 - Tie C	34	34		
	2223 Lectern:	Lectern, Vid #1	35	35		
		Lectern, Vid #2	36	36		
		Lectern, Vid #3	37	37	Video Capture #5	Quad 2 Video Capture Card PCIex8 - Computer Production Switcher
		Lectern, Vid #4	38	38	Video Capture #6	
	2223 Tables	Table 2, Vid #1	39	39	Video Capture #7	
		Table 2, Vid #2	40	40	Video Capture #8	

We will need Pre-sets & Recall buttons


DO NOT INSERT OR REMOVE MODULES WHILE POWER IS ON
DM OUTPUTS SLOT 1
DO NOT INSERT OR REMOVE MODULES WHILE POWER IS ON
OUTPUTS FROM HUB
DMC-4K-C-DSP
DMC-4K-C
DMC-C
DMC-SDI
DMC-4K-CO-HD
DMC-4K-HDO
HDCP2
DMC-STRO
CONTENT LAN
DMC-4K-HD
MULTIVIEWER OUT Q1,Q2,Q3,Q4
24VDC 40W MAX PER PORT CLASS 2
EXTERNAL POWER SUPPLY ONLY
DM OUTPUTS SLOT 5
DMCO-33
DM OUTPUT SLOT 6
DM OUTPUT SLOT 7
DM OUTPUTS SLOT 8
MD32-CPU
100-240V ~ 900W 50/60 Hz
CAUTION
CRESTRON ELECTRONICS INC., ROCKLEIGH, NJ 07647 USA
MULTIVIEWER Q1