Rm 2241 DM-MD32x32

	Via	Cable	Card	Loops	Inputs	2223	Outputs		Card	Cable	Via	Update to	
					Loop								
Phase 1	DM-TX1-4K-C-1G	DM	DMC-4K-C	Computer #1	1		1	Projector B	(2) 4KZ-CO-HD	DM	RMC-Scaler-c	DM-RMC-4K	Phase 1
					Loop		2	Projector A		DM	RMC-Scaler-c	DM-RMC-4K	
	DM-TX1-4K-C-1G	DM	DMC-4K-C	Computer #2	2		3	Projector C		DM	RMC-Scaler-c	DM-RMC-4K	
					loop		4	Real time PreVeiw		DM		DM-RX1-4K-C-1G-B-T	
	`TX-4K-100-C-1G-B-T	DM	DMC-C	Doc Camera #3	3		5	2241 - Tie A	(2) DMC-4K-HDO	HDMI to SDI	Mini Converter	To Smart Video Hub	Phase 2
					loop		6	2241 - Tie B		HDMI to SDI	Mini Converter		
	DM-TX1-4K-C-1G	DM	DMC-4K-C	Apple TV #1	4		7	2241 - Tie C		HDMI to SDI	Mini Converter		
					loop		8	2241 - Tie D		HDMI to SDI	Mini Converter		
	DM-TX1-4K-C-1G	DM	DMC-4K-C	Apple TV #2	5		9	Stream A	2 DMC-STRO	One View	Touch Screen		Phase 1
					loop		10	Stream B		Two View	Live View		
	TX-200-2G	DM	DMC-C	Table 1, Computer #1	6		11	2241 - A	4ch DMCO-33	HDMI	Streight into HDMI unit. Convet into SDI is an option	Smith Page out 4ch Multivierer	Phase 2
					loop		12	2241 - B		HDMI			
	TX-200-2G	DM	DMC-C	Table 1, Computer #2	7		13	2241 - C		HDMI			
					loop		14	2241 - D		HDMI			
	TX-200-2G	DM	DMC-C	Table 2, Computer #1	8		15						
					loop		16						
	TX-200-2G	DM	DMC-C	Table 2, Computer #2	9		17						
					loop		18						
		SDI	DMC-SDI	Camera #1, 2241	10		19						
					loop		20						
	Camera Mapping to aid with "Smith Page" And to hold a slot open when Cameras are updated	SDI	DMC-SDI	Camera #2, 2241	11		21						
					loop		22						
		SDI	DMC-SDI	Camera #3, 2241	12		23						
					loop		24	Projector B	4ch DMCO-55	DM	RMC-Scaler-c		Phase 4
		SDI	DMC-SDI	Camera #4, 2241	13		25	Projector A		DM	RMC-Scaler-c		
					loop		26	OPEN					
	From Smart Video Hub	SDI	DMC-SDI	Video in for TPS	14		27	OPEN					
					loop		28	2223 - Tie A	4ch DMCO-33	HDMI to SDI	Mini Converter	To Smart Video Hub	
		SDI	DMC-SDI	Video in for PJ-B	15		29	2223 - Tie B		HDMI to SDI	Mini Converter		
					loop		30	2223 - Tie C		HDMI to SDI	Mini Converter		
		SDI	DMC-SDI	Video in for PJ-A	16		31	OPEN					
					loop		32	Stream A	2ch DMCO-77	One View	Touch Screen		
		SDI	DMC-SDI	Video in for PJ-C	17		33	Stream B		Two View	Live View		
					loop								
	4ch multivierer	HDMI	DMC-4K-HD	Smith Page 4ch View	18								
					loop								
	Maintain 4K Signal	HDMI	DMC-4K-HD	Conferencing Computer	19								
					loop								
	Maintain 4K Signal	HDMI	DMC-4K-HD	Conferencing Computer	20								
					loop								
					21								
					loop								
					22								
					loop								
	Room 2223				23								
	Via	Cable	Card		loop								
Phase 4	TX-201-C	DM	DMC-C	Computer #1	24								
					loop								
	TX-201-C	DM	DMC-C	Computer #2	25								
					loop								
	`TX-4K-100-C-1G-B-T	DM	DMC-C	Apple i-TV	26								
					loop								
	From Smart Video Hub	SDI	DMC-SDI	Camera #1, 2223	27								
				To Video Hub	loop								
	TX-200-2G	DM	DMC-C	Table, Computer #1	28								
					loop								
	TX-200-2G	DM	DMC-C	Table , Computer #2	29								
					loop								
	From Smart Video Hub	SDI	DMC-SDI	Video in for TPS	30								
					loop								
		SDI	DMC-SDI	Video in for PJ-B	31								
					loop								
		SDI	DMC-SDI	Video in for PJ-A	32								
					loop								

NO LOOPS

Smart Video Hub

		Inputs	Outputs		
		"SDI CONVERTER"		{ all are SDI unless stated }	
2241 Lectern: NTSC	Lectern, Vid #1	1	1	Rm 2241 Rear Monitor	
	Lectern, Vid #2	2	2		
From Source	Camera #1, 2241	3	3	Camera #1, 2241	To 2241 MD32/32
	Camera #2, 2241	4	4	Camera #2, 2241	
	Camera #3, 2241	5	5	Camera #3, 2241	
	Camera #4, 2241	6	6	Camera #4, 2241	
2241 Tables: NTSC	Table 1, Vid #1	7	7	2241 for TPS	To 2241 MD32/32 Output to projectors
	Table 1, Vid #2	8	8	2241 for PJ-B	
	Table 2, Vid #1	9	9	2241 for PJ-A	
	Table 2, Vid #2	10	10	2241 for PJ-C	
2241 Computer Map	2241 - Tie A	11	11	Lectern, Vid #3	
	2241 - Tie B	12	12	Table 1, Vid #3	
	2241 - Tie C	13	13	Table 2, Vid #3	
	2241 - Tie D	14	14	Wall Plate 2B	
2241 Wall plates via Aux Patch Bay	Wall Plate 2A	15	15	Wall Plate 3B	
	Wall Plate 3A	16	16	Wall Plate 5B	
	Wall Plate 5A	17	17	Wall Plate 6B	
	Wall Plate 6A	18	18	Wall Plate 1B	
	Wall Plate 1A	19	19	Wall Plate 4B	
	Wall Plate 4A	20	20	Wall Plate 7B	
	Wall Plate 7A	21	21	Wall Plate 6B	
	Wall Plate 6A	22	22	Wall Plate 8B	
	Wall Plate 8A	23	23	Wall Plate 9B	
	Wall Plate 9A	24	24	Wall Plate 10B	
	Wall Plate 10A	25	25	Wall Plate 11B	
	Wall Plate 11A	26	26	Wall Plate 11D	
	Wall Plate 11C	27	27		
		28	28		
		29	29		
	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
	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	
	From 4040A Hub #1	1	1	Out to 4040B Hub #1	

	From 4040B Hub #4	40	40	Out to 4040A Hub #4	
	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