

Title: DC-In Sync Box Connector Pinouts

Rev. 1 March 31, 2010 RL Initial release

Rev. 2 Apr. 19, 2010 MA Added power connector pinout for 24V-in version

P3 (PCB)	Signal	CJ2 - DB9S (Box)	Wire Color		P1 (PCB)	Signal	Reset Switch (Box)	Wire Color	
1					1	Reset	NO	BLU	
2	GND				2	GND	Pole	BLK	
3	Tx	2	YEL						
4	GND				P21 (PCB)	Signal	CJ5 - BNC (Box)	Wire Color	
5	Rx	3	BLU		SMA	TTL_In	BNC	RG-74	
6	GND								
7	DSR	4	BRN		P24 (PCB)	Signal	CJ6 - BNC (Box)	Wire Color	
8	GND	5	BLK		SMA	TTL_Out	BNC	RG-74	
9	GND								
10	GND				P19 (PCB)	Signal	LED's (Box)	Wire Color	
					1	Freerun	Yellow	VIO	
					2	GND		BLK	
					3	DV_Error	Red	GRY	
					4	GND		BLK	
P6 (PCB)	Signal	CJ3 - DB25S (Box)	Wire Color		P5 (PCB)	Signal	CP1: Power (5V Box)	Wire Color	
1	Data_Valid+	1	YEL	Molex HDR	1	+5V	1 & 2	RED	
2	Data_Valid-	2	BLU	Molex HDR	2	GND	3 & 6	BLK	
3	GND	14	BLK	Molex HDR					
					P5 (PCB)	Signal	CP1-Power (24V Box)	Wire Color	
P14					1	+5V	B & C	Yellow	
1	Data_Sync1+	15	WHT	TP3	2	GND	D & E	BLK	
2	Data_Sync1-	16	BLU	TP4		NC	A		
3	GND	3	BLK	TP1					
					P16				
1	Data_Sync2+	4	GRY	TP5	1	Data_Sync2+	4	GRY	TP5
2	Data_Sync2-	5	BLU	TP6	2	Data_Sync2-	5	BLU	TP6
3	GND	17	BLK	TP1	3	GND	17	BLK	TP1
					P9				
1	Data_Sync3+	18	BRN	TP2	1	Data_Sync3+	18	BRN	TP2
2	Data_Sync3-	19	BLU	TP7	2	Data_Sync3-	19	BLU	TP7
3	GND	6	BLK	TP1	3	GND	6	BLK	TP1
4	Data_Sync3_TTL	7	GRN	TP8	4	Data_Sync3_TTL	7	GRN	TP8
5	GND	20	BLK	TP1	5	GND	20	BLK	TP1
					P11				
1	Data_Sync4+	21	VIO	TP9	1	Data_Sync4+	21	VIO	TP9
2	Data_Sync4-	22	BLU	TP10	2	Data_Sync4-	22	BLU	TP10
3	GND	8	BLK	TP1	3	GND	8	BLK	TP1
4	Data_Sync4_TTL	9	RED	TP11	4	Data_Sync4_TTL	9	RED	TP11

5	GND	23	BLK	TP1	

