

Connection between CCD-1300 Camera and Matrox Meteor-II/DIG/L

CCD-1300	CCD-1300	Twisted pair	M-DIG	M-DIG	Color
Pin	Function		Pin	Function	
1	PCLK	1	39	CLOCK, INPUT, +	
2	LEN	2	33	HSYNC, INPUT, +	
3	FEN	3	35	VSYNC, INPUT, +	
4	D0 (LSB)	4	1	DATA, INPUT, 0+	
5	D1	5	3	DATA, INPUT, 1+	
6	D2	6	5	DATA, INPUT, 2+	
7	D3	7	7	DATA, INPUT, 3+	
8	D4	8	9	DATA, INPUT, 4+	
9	D5	9	11	DATA, INPUT, 5+	
10	D6	10	13	DATA, INPUT, 6+	
11	D7	11	15	DATA, INPUT, 7+	
12	D8	12	17	DATA, INPUT, 8+	
13	D9	13	19	DATA, INPUT, 9+	
14	D10	14	21	DATA, INPUT, 10+	
15	D11 (MSB)	15	23	DATA, INPUT, 11+	
16	GND		37	GROUND	
control input 17	TREX (trigger input; activ low)	16	96	EXPOSURE1, OUTPUT, -	
control input 18	SV2 (gain * 2; activ low)		91	USER, OUTPUT, 0+	
control input 19	BIN (binning mode; activ low)		93	USER, OUTPUT, 1+	
20	PCLK	1	40	CLOCK, INPUT, -	
21	LEN	2	34	HSYNC, INPUT, -	
22	FEN	3	36	VSYNC, INPUT, -	
23	D0	4	2	DATA, INPUT, 0-	
24	D1	5	4	DATA, INPUT, 1-	
25	D2	6	6	DATA, INPUT, 2-	
26	D3	7	8	DATA, INPUT, 3-	
27	D4	8	10	DATA, INPUT, 4-	
28	D5	9	12	DATA, INPUT, 5-	
29	D6	10	14	DATA, INPUT, 6-	
30	D7	11	16	DATA, INPUT, 7-	
31	D8	12	18	DATA, INPUT, 8-	
32	D9	13	20	DATA, INPUT, 9-	
33	D10	14	22	DATA, INPUT, 10-	
34	D11	15	24	DATA, INPUT, 11-	
35	GND		38	GROUND	
control input 36	TREX (trigger input)	16	95	EXPOSURE1, OUTPUT, +	
control input 37	Mode high \Rightarrow Continuous low \Rightarrow Image on Demand		99	CAMERA CTRL BIT1, OUTPUT, TTL	