

Connection between CCD-1300 Camera and pcIMAGE-SDIG (Matrix-Vision)

CCD-1300		CCD-1300		SDIG		SDIG	
Pin	Function	Twisted pair	Pin	Function	Color		
1	PCLK	1	29	PCLK IN			
2	LEN	2	26	LEN IN			
3	FEN	3	25	FEN IN			
4	D0 (LSB)	4	14	MSB-11			
5	D1	5	13	MSB-10			
6	D2	6	11	MSB-9			
7	D3	7	10	MSB-8			
8	D4	8	9	MSB-7			
9	D5	9	8	MSB-6			
10	D6	10	7	MSB-5			
11	D7	11	6	MSB-4			
12	D8	12	5	MSB-3			
13	D9	13	4	MSB-2			
14	D10	14	3	MSB-1			
15	D11 (MSB)	15	2	MSB			
16	GND		1	GND			
control input 17	TREX (trigger input; activ low)	16	64	Expose			
control input 18	SV2 (gain * 2; activ low)		33	DigIO6			
control input 19	BIN (binning mode; activ low)		67	DigIO7			
20	PCLK	1	63	PCLK IN			
21	LEN	2	60	LEN IN			
22	FEN	3	59	FEN IN			
23	D0	4	48	MSB-11			
24	D1	5	47	MSB-10			
25	D2	6	45	MSB-9			
26	D3	7	44	MSB-8			
27	D4	8	43	MSB-7			
28	D5	9	42	MSB-6			
29	D6	10	41	MSB-5			
30	D7	11	40	MSB-4			
31	D8	12	39	MSB-3			
32	D9	13	38	MSB-2			
33	D10	14	37	MSB-1			
34	D11	15	36	MSB			
35	GND		35	GND			
control input 36	TREX (trigger input)	16	30	Expose			
control input 37	Mode high \Rightarrow Continuous low \Rightarrow Image on Demand		32	DigIO5			