

ISA-Card

Electronic module for
LASER-Scanner

- Measuring
- Controlling
- Monitoring

Connection:

Scanner 1 Scanner 2



Adjustment jumper block 1: **X:** Jumper set

no Interrupt
 Interrupt 5
 Interrupt 7
 Interrupt 9
 Interrupt 10
 Interrupt 11
 Interrupt 12
 basic address = 300 / 304 Hex
 basic address = 308 / 30C Hex
 basic address = 310 /314 Hex
 basic address = 318 / 31C

1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16
					X		
				X			
			X				
	X						
X							
							X
						X	
						X	X

Base address of scanner connector 2 = base address of scanner connector 1 + 4 Hex

Jumper block 1:

2	4	6	8	10	12	14	16
1	3	5	7	9	11	13	15

Pin assignment of D-Sub-15pin scanner connector:

Pin	Signal	Level	Remarks
1	Video Signal	1 V	Coax cable 75 Ohm
2	n.c.		
3	+ 50 MHz		
4	Sync-Input	2 mA	Extern Trigger*
5	GND, 0 V	0 V	screen
6	- 50 MHz	V	
7	n.c.		
8	+10 V	+10V	max. 2 mV ripple
9	GND Video	0 V	schwarz coax shield
10	GND	0 V	grey coax
11	GND	0 V	grey coax shield
12	n.c.		
13	n.c.		
14	SerKO_data	V	
15	Syn_data	V	

* from Hardware 3.5

- short ISA-Card for PC
- no interrupt necessary
- available for 1 or 2 scanners
- enables Multi-Scanner-Systems