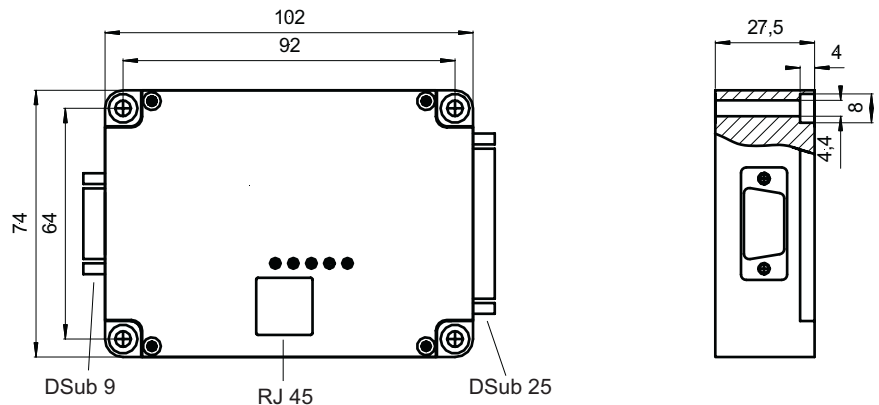


# Blue Box

Ethernet interface for  
LASER-Scanner

- Measuring
- Controlling
- Monitoring



weight 300 g

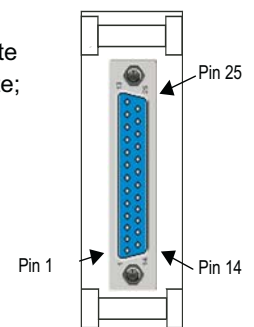
## Technical data

Current consumption	280 mA (24 V), approx. 7 W
Voltage	10 ... 30 VDC
Connections	D-Sub 9 pin, female: -Scanner connection D-Sub 25 pin, male: -Supply -Ethernet -Strobe, ext. Trigger
Protection class	IP 40

## Pin assignment D-Sub 25 pin:

Pin	Signal	Beschreibung / Signalpegel
1	GND	Ground
2	Sync. out	Sync out from the master is connected to sync in of the slaves
3	TxD_PROG	Send data RS 232 for firmware update
4	Din 1	Digital input 1
5	RIP	Reset IP-address - connect to GND
6	Tx-	Transmit Data - Ethernet
7	Rx-	Receive Data - Ethernet
8		Connect Case with GND!
14	GND	Ground
15	Sync. in	Sync. in from master, TTL ... 24 V logic, 1/0-edge (trailing edge) triggers scan. Ext. trigger mode needs to be set in software!
16	RxD_PROG	Receive data RS 232 for firmware update
17	CPU_PROG	Programming control for firmware update; connect to +Ub! *
18	Din 2	Digital input 2
19	Tx+	Transmit data + Ethernet
20	Rx+	Receive data + Ethernet
21	+Ub	Power supply 10 ... 30 V, approx. 7 W

\* see Manual



D-Sub 25 pin

- robust industrial case
- splash-and dust-proof
- polarity saved up to 60 VDC