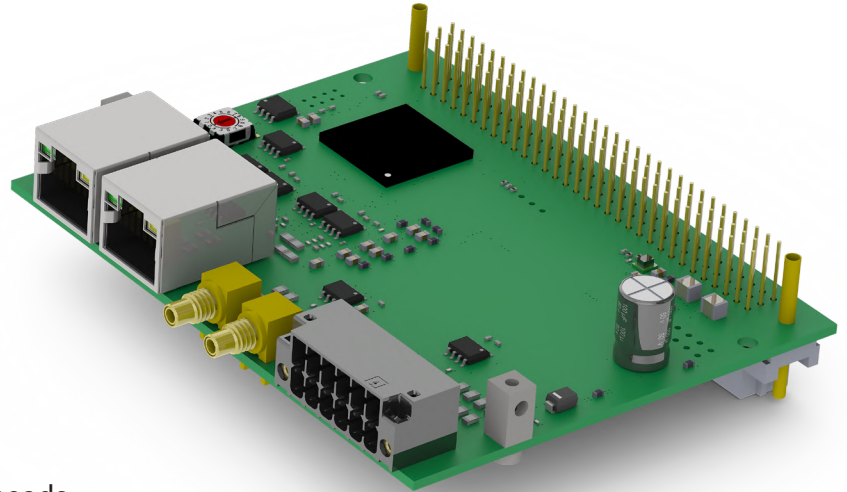


COP-SHC

Scan Head Control Interface



- ➔ Synchronous to all actuators
- ➔ Compatible with various laser scan heads
- ➔ Three scanner channels X, Y, Z

Facts	
Protocols	SL2-100 / HSSI / Gigabit Ethernet
Channels	3 (X, Y, Z)
Positioning resolution	20 Bit (SL2-100) / 16 Bit (HSSI)
Sampling rates	100 kHz (SL2-100) / 96 kHz (HSSI)
Interfaces	2 × RJ-45 COP bus
Digital inputs	2 × TTL level 2 × RS485 level
Digital outputs	2 × TTL level 2 × RS485 level
Dimensions	100 × 80 mm (w × d)
COP case requirement	1 COP slot

The COP-SHC module has specially been developed for the integration and control of laser scan heads from various manufacturers.

The communication is carried out via the protocol defined by the manufacturer. Up to three scanner channels per module can be controlled and read back. The scanners are controlled synchronously with other actuators, such as multi servo drives and I/O systems.

Thanks to the flexible scalability of the COP periphery, the COP-SHC can also be combined with additional modules. As a result, individual customer needs can be covered while staying highly economically viable.