PRIMOS SCC

SWARCO TRAFFIC SYSTEMS GMBH is a member of the internationally active SWARCO group, the one-stop-shop for road markings, signage, signalisation, and traffic management – your reliable partner for traffic solutions.

The PRIMOS SCC outstation is optimally suited for traffic applications with limited space such as tunnel niches, or for upgrading existing installations. It offers a high degree of flexibility for project and client specific requirements: PRIMOS SCC can be used in a 19" swing frame rack as well for DIN rail mounting, as stand-alone solution or as part of a larger system.

FIELDS OF APPLICATIONS:

- Traffic data measuring systems
- Axle loads measuring systems
- Environmental data measuring systems
- Ramp metering systems
- Traffic control in tunnels / on ramps
- Overheight warning systems
- Deer warning systems
- Wind warning systems
- HGV parking systems

FUNCTIONS:

- Operational messages and function monitoring
- Communication with central (software) systems
- Control of
  - Variable message signs (VMS)
  - Barriers
  - Lane lights
  - Detectors
  - Sensors
- Interlocking of prohibited signaling states
- Operational log
- Manual control

FEATURES:

- Flexible adaptation to project and client specific requirements
- Available as 19" swing frame rack or DIN rail version
- Stand-alone solution or as part of a larger system
- Interfaces for telecommunications line such as copper cable and fiber-optic cable, for Ethernet, WAN, GSM, GPRS, UMTS
- Additional interfaces can be extended project-specifically if needed
- Communication with different data protocols such as TLSoverIP, TC57 (IEC870), WANCOM, http
- Web interface: System status and configuration via HTTP
- EMC (electromagnetic compatibility) compliant design
- Easy set up and service

SWARCO | First in Traffic Solutions.

Outstation PRIMOS SCC:

TECHNICAL DATA

Controller type	SCC Air DC
Supply voltage	(10 - 30) V DC
CPU	ARM-9 architecture with MMU and ARM926ES core
Digital inputs / outputs	2
Serial interfaces	1 serial port (RS-232) 1 Service / console interface (RS-232) 1 RS-485 port 1 RS-422 port 1 CAN-Bus interface
Clock rate	400 MHz
RAM	32 MB
Flash disk	128 MB
Mass storage	Slot for SD card
Operating system	Linux
Operation indicator	Function LED
Others	Powerfail monitoring, watchdog timer
Ethernet	10BaseT / 100BaseTX via RJ45 connection
USB	1 USB-Host (Full Speed and Low Speed) 1 USB-Device (Full Speed and Low Speed)
Power consumption (max)	2.5 W
Operating / storing temperature	-25°C to +85°C
Dimensions (H x W x D)	approx. 192 mm x 130 mm x 57 mm
Design	DIN-rail or 19" swing frame rack
Mobile communication	Modem for GSM, UMTS, HSDPA (3G) optional, GPS optional

SWARCO TRAFFIC SYSTEMS GMBH

SWARCO TRAFFIC SYSTEMS GMBH is one of the leading suppliers of intelligent traffic systems in Germany. Building on many decades of experience, it offers a wide range of innovative solutions for urban and interurban traffic management, including parking and traffic detection. Its nationwide service and maintenance network guarantees highest possible system availability and improved road safety. With economical, sustainable, and environmentally friendly technologies we help ensure smooth and safe traffic flows.

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