SWARCO
PRIMOS SCC II
OUTSTATION

COMPACT
OUTSTATION FOR
TRAFFIC APPLICATIONS
WITH LIMITED SPACE

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

BENEFITS

- 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, 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, HTTPS
- Web Interface: System status and configuration via HTTP/ HTTPS
- EMC (electromagnetic compatibility) compliant design
- Easy set up and service
- Fit 4 KRITIS applications

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PRIMOS SCC II OUTSTATION

FIELDS OF APPLICATION

- Traffic data acquisition
- Axle load measuring
- Environmental data acuisition
- 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

TECHNICAL FEATURES

Controller type	SCC-AIR II DC
Supply voltage	(10 - 30) V DC
CPU	ARM Cortex A5 ATSAMA5D35 core
Digital inputs	5
Interfaces	1 x serial interface RS-232 (Full Modem Port) 1 x Service / console interface RS-232 2 x RS-485 interfaces 1 x RS-422 / RS-485 interface (switchable) 1 x CAN-Bus interface 2 x Ethernet 10BaseT / 100BaseTX via RJ45 connection 1 x USB-Host 2.0 (Hi-Speed) 1 x USB-Device 2.0 (Hi-Speed)
Clock rate	536 MHz
RAM	256 MB (internal), 256 MB LPDDR
Flash disk	512 MB (external), 256 MB (internal)
Mass storage	Slot for SD card
Operating system	Linux
Operation indicator	6 x function LEDs
Others	Powerfail monitoring, watchdog timer
Power consuption (max)	2.5 W
Operating / Storing temperature	-25°C to +85°C
Dimenstions (HxWxD)	approx. 214 mm x 120 mm x 38 mm
Design	DIN rail or 19" swing frame rack
Mobile communication	Modem for GSM, UMTS, HSDPA (3G) optional, GPS (optional), LTE (4G)
Clock	RTC
Switchable voltage source	(6 or 12) V DC

DMSZ
zertifiziert nach
ISO 9001

QM 01178

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