



COMMUNICATION CONTROLLER - PROXY/ROUTER: state-of-the-art technology that leads the right way

COMMUNICATION CONTROLLER

DESIGNED TO GIVE MAXIMUM BANDWIDTH

SWARCO TECHNOLOGY is one of the leading companies worldwide in the development, production and sales of traffic and motorway controllers and communication equipment for traffic management systems. The SWARCO COMMUNICATION CONTROLLER is designed to give maximum bandwidth on a wide range of communication technologies (twisted copper cables, optical fiber or 3G modem). The powerful ARM CPU can be used to run own programs, i.e. communication proxy's or full applications for motorway control with direct control of VMS signs.

COMMUNICATION CONTROLLER - PROXY/ROUTER: POWERFUL – FAST – RELIABLE



COMMUNICATION CONTROLLER: cutting-edge technology

KEY FEATURES & BENEFITS

When you choose the COMMUNICATION CONTROLLER, you get a reliable solution made by SWARCO.

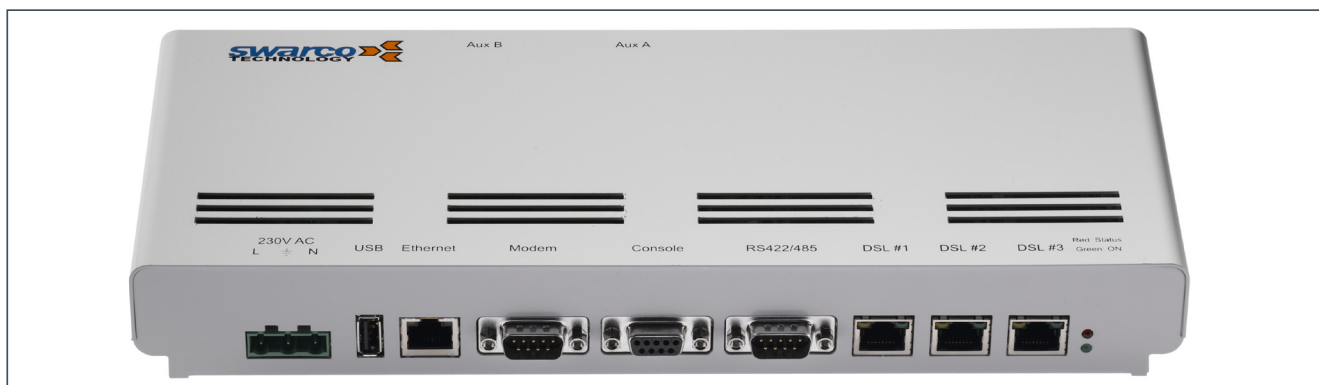
Available in 3 different versions:

- SHDSL for twisted copper cable communication 3 ch.
- FIBER for optical fiber communication 3 ch. + 3G modem
- ETHERNET for Ethernet routing 5 ch. + 3G modem

All versions are equipped with:

- Ethernet RJ45 10/100 Mbps
- RS422/485 DB9 connector for communication with external units
- RS232 DB9 connector with full modem signalling
- RS232 DB9 console connector to configure the modem
- USB connector for future extension
- Two additional RS232 DB9 connectors for communication with external units

TECHNICAL DETAILS: SHDSL - PROXY/ROUTER



TECHNICAL DETAILS

<p>Processing system</p>	<p>The COMMUNICATION CONTROLLER is equipped with an Atmel AT91RM9200 CPU running at 180 MHz internally. It has 32 MB RAM 64 MB Flash memory.</p>	<p>Electrical</p>	<p>The modem requires a supply voltage of 230VAC/50Hz and has an internal switch mode power supply that converts the 230VAC to the internally required voltages. 50Hz mains is clocked to the CPU for mains synchronized time.</p>
<p>Software</p>	<p>The board runs a 2.6-based Linux kernel with SCP, Telnet, FTP and DHCP servers. It uses OSPF (Open Shortest Path First) protocol for dynamic routing to enable network redundancy and load balancing features. Proxy software packages can be installed for communication with traffic controllers of different types.</p>	<p>Mechanical</p>	<p>The unit is designed as a single board inside a metal box with fixings for DIN rail.</p> <p>Operating ambient temperature: -40°C- +70°C</p> <p>Size (WxDxH): 298 x 120 x 42 mm (excluding connectors)</p> <p>Weight: 1.06 kg</p>

YOUR LOCAL CONTACT



SWARCO TECHNOLOGY APS

SWARCO TECHNOLOGY develops and markets traffic and motorway controllers as well as communication equipment for traffic management systems. Thousands of our products have been installed and are now in use in different applications in many countries. As a company of the SWARCO Group we can deliver complete solutions for traffic management systems.



SWARCO TECHNOLOGY APS

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