

# RCS/6000 SERIES

## Integrated Communication Servers

- LAN-Attached Serial Port Expansion
- Ethernet Hub
- IP Routing for Multi-Site Networks



Systech Corporation designs, develops and manufactures a family of network device servers for industrial and retail applications. The RCS/6000 is characterized by high reliability, superior software functionality, expanded hardware interfaces, and simplified remote installation. The RCS/6000, offering unique functionality for users with specialized needs, enables users to manage, control, program, and share access to peripheral devices over the Internet or intranet using standard protocols.

- **Software Selectable Serial Port Interface:** Easily change the physical interface of each Systech port to accept a peripheral with an RS-232, RS-422, or RS-485 interface.
- **Built-In Ethernet Hub:** Simplify cabling; support up to three additional network clients.
- **Status LEDs:** Analyze real-time information on the status of each port and the network.
- **Web-Browser and Text-Based Interface:** Easily configure the unit.
- **Remote Configuration and Management:** Change parameters as new peripherals are added; diagnose peripheral problems over the Internet or WAN.
- **Programmable:** Create custom on-board applications or protocols; eliminate the need for expensive external equipment.
- **Bundled with NativeCOM Software:** Address LAN or WAN-based serial ports as if they are local COM ports.
- **TCP/IP Router with SLIP (Asynchronous Ports), Frame Relay (Synchronous Ports) and PPP (Both Async and Sync Ports) support:** Connect to remote networks.



**SYSTECH**  
CORPORATION  
*networking your  
peripherals*

# SYSTECH INTEGRATED COMMUNICATION SERVERS

The RCS/6000 Series of Integrated Communications Servers provide LAN-attached serial port expansion, an Ethernet hub, remote monitoring, and IP routing. The RCS/6000 uses industry standard TCP/IP, SLIP and PPP protocols to ensure open-systems connectivity and flexibility for your demanding applications. The RCS/6000 is bundled with Systech's industry-leading **NativeCOM** port redirection software, web browser interface, and remote diagnostics. NativeCOM simplifies installation and support, and makes any LAN-attached Systech serial port (whether local or remote) appear local to your application.

Each RCS/6000 serial port is software selectable to RS-232, RS-422, or RS-485, saving you the cost and complexity of competitive solutions that offer a single physical interface.

For developers and OEMs with unique protocol conversion, monitoring or reporting needs, Systech's Developer's API is available to create custom added-value. For additional information, access Systech's on-line data sheet and documentation for the RCS/6000 product family.



## Model RCS-6008

8 serial ports; RS-232, RS-422, or RS-485, software selectable; printer port; Ethernet connection; 3 port hub



## Model RCS-6108 (with WAN)

8 serial ports; RS-232, RS-422, or RS-485, software selectable; printer port; WAN port; Ethernet connection; 3 port hub

## Specifications

### LAN Interface

10 Base-T plus 3-port 10 Base-T hub, 10 Mbit, Ethernet 802.3

### Peripheral / Device Communication

Peripheral Ports with DB-9 connectors support communication speeds up to 115.2K baud; software selectable RS-232, RS-422, or RS-485  
**Protocols:** TCP/IP, DHCP/BOOTP, HTTP, SLIP, PPP, Dial-on-Demand, Network Address Translation, Telnet, Rtelnet, Rlogin, LPD, Raw TCP.

### Security Protocols

CHAP, PAP, Radius, Password protected configuration

### Management and Diagnostics

SNMP MIB-II, Web-based interface, Remote/local diagnostics (to pin level)

### Power Supply

External 110/220V; Worldwide; Over-current protection

### Regulatory Approvals

UL, CSA, FCC-A, CISPR 22, CE

### Physical Dimensions

305 x 143 x 48 mm  
12 x 5.6 x 1.9 in.

### Temperature Range

Operating temp 0° to 50° C  
Storage temp -10° to 70° C  
Humidity range 10% to 90% non condensing

### Customization

Programmable

### Warranty

Systech Provides a 5 year warranty

## Reliability

To ensure data reliability and data protection, NativeCOM software automatically recovers on power loss. Software and Configuration settings are saved in Flash Memory. Surge protection is provided on every port.



### Headquarters

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