Comtrol’s RocketPort USB Serial Hub connects Lenel International’s Access Control System to multiple devices

Lenel Systems International, Inc., is a leading provider of software and integrated systems for the corporate security market and government security market.

They turned to Comtrol’s RocketPort USB Serial Hub to provide reliable high-speed connectivity. By adding the RocketPort USB Serial Hub II to the workstation, they were able to expand the amount of desired serial ports needed by their client. Multiple serial devices were necessary for capturing and encoding cardholder information. Data communications with iClass capture, biometric capture, card-encoding devices, and from the PC to the control panel were all successfully accomplished by using RocketPort technology. Lenel and their client found individual port management was quickly controlled through Windows Device Manager and peripheral wiring was easily set-up because of the external form-factor of the RocketPort unit. RocketPort USB Serial Hub features quick networking via an available USB-port on your computer and is only one inch in height.

“The RocketPort USB Serial Hub was able to accomplish the task of reliably and quickly transferring captured data from multiple tasks and encoding methods, including full biometric template management using hand geometry and fingerprint technologies,” reported Brian Koszuta, Technical Product Specialist for Lenel System International. “Comtrol’s Serial Hub went through two-months of intense testing to ensure it would be reliable and stable in the access control environment. It also proved to be a solid method of capturing cardholder credentials by being able to individualize communication requirements for various peripherals.”

The RocketPort USB Serial Hub supported the demands of Lenel’s intelligent access control field hardware system. Because all decisions are made at the Lenel controller, a less than one-second response time is guaranteed, meaning that users will instantaneously be granted or denied access to restricted areas even during the busiest times of the day. With its maximum capacity of 250,000 cardholders and 100,000 access events, intelligent decisions will be made and recorded, even if communication with the main computer is lost.

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### RockeTPort Serial Hub Specifications

#### Serial Communications
- **Number of Ports**: 4
- **Serial Interface**: RS-232
- **Connector Type**: DB9 Male
- **Baud Rates**: up to 230 Kbps
- **Data Bits**: 7 or 8
- **Parity**: Odd, Even, None
- **Stop Bits**: 1 or 2

#### Supported Operating Systems (COM/TTY)
- Microsoft® Windows® 2000
- Microsoft® Windows XP®
- Microsoft® Windows Server® 2003
- Microsoft® Windows 2008 Server
- Microsoft® Windows 7
- Linux

#### Electrical Specifications
- **Current Consumption**: 325mA
- **Power Consumption**: 1.7W
- **ESD Surge Protection**: 4KV for 200A @ 1ns

#### Environmental Specifications
- **Operating Temperature**: 0 to 50°C
- **Storage Temperature**: -40 to 70°C
- **Humidity (Non-Condensing)**:
  - System On: 20% to 80%
  - System Off: 8% to 80%
- **Altitude**: 0 to 10,000 Ft

#### Supported Operating Systems (COM/TTY)
- Microsoft® Windows® 2000
- Microsoft® Windows XP®
- Microsoft® Windows Server® 2003
- Microsoft® Windows 2008 Server
- Microsoft® Windows 7
- Linux

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### Ordering Information

98295-1 RocketPort Serial Hub II

### Product Support & Service Information

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<tr>
<td>Comtrol offers a 30-day satisfaction guarantee and 5-year limited warranty.</td>
<td>+1.763.957.6000 <a href="mailto:sales@comtrol.com">sales@comtrol.com</a></td>
<td>+1.763.957.6000 <a href="http://www.comtrol.com/support">www.comtrol.com/support</a></td>
<td><a href="mailto:info@comtrol.com">info@comtrol.com</a> ftp.comtrol.com <a href="http://www.comtrol.com">www.comtrol.com</a></td>
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