

DEVICEMASTER - RTS



Overview

Serial devices can easily be connected across a LAN/WAN using the DeviceMaster-RTS. Simply connect the serial devices to the DeviceMaster-RTS, link the DeviceMaster-RTS to the LAN and the existing application software can now access the distant serial ports as if they were locally connected.

Typical Applications

- ◆ Warehouse Control
- ◆ SCADA
- ◆ Retail POS
- ◆ Material Handling
- ◆ Factory Automation
- ◆ CAD-CAM
- ◆ Traffic Management

FEATURES

- Simple installation
- Access serial devices via Ethernet
- Software selectable ports (RS-232, RS-422 and RS-485)
- 4 to 32 ports
- Connects serial devices as com/tty ports or acts as a terminal server
- Host local applications by downloading your own custom programs
- Full web server capability; accessible across the Internet
- Update programs across the Internet
- Watchdog Timer to monitor overall system 'health'
- Embedded Real Time Operating System
- Serial Tunneling to give serial to serial links across Ethernet without a PC



Specifications

Hardware

Baud Rate *	50 - 230Kbps
Ethernet Interface	10-100Base-T
Serial Interfaces	RS-232, RS-422 & RS-485
Input voltage	100-240V AC
Processor type	ARM 7
Memory	8MB SDRAM, 4MB flash

Software

Embedded O/S	eCos
Serial connectivity	NS-Link, SocketServer
NS-Link control	Data bits 7 or 8 Parity Odd, even or none Stop Bits 1 or 2
Network protocols	TCP, BOOTP, FTP, ICMP, ARP, SNMP, (MIB-II), Telnet, HTTP

Environmental

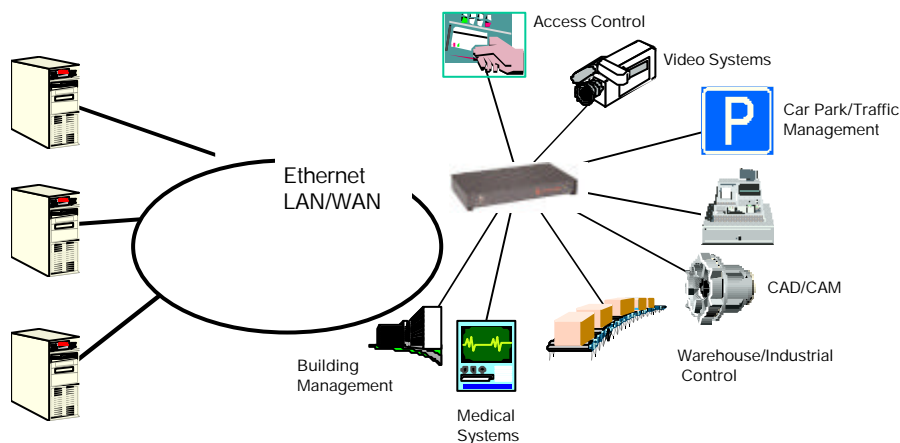
Operating Temperature range	0 to 45°C
Storage Temperature Range	-20 to 85°C
Humidity	System on 8 to 80% System off 20 to 80%
Altitude	0 to 3.050 metres

Approvals

CE, FCC, Class A, UL,
CUL, C-tick



* Baud rate depends on hardware and operating system configuration



Control Europe Ltd

Unit 2, Avonbury Business Park, Howes Lane, Bicester, Oxfordshire, OX26 2UA

Tel: +44 (0) 1869 323220 Fax: +44 (0) 1869 323211 www.comtrol.co.uk



© 2003 by Control Europe Limited. All trademarks use herein are the property of their respective trademark holders