



WAN Router with 1LAN & 1WAN port; RRT-102

Overview

RRT-102 Enterprise Serial router provides a serial WAN port, which is T1/E1 interface, one 10/100 Base-TX LAN port, and one console port for Internet access for both servers and LAN side. RealTime Router is compatible with Cisco routers & therefore can easily connect to your ISP and headquarters.

The **RRT-102** provides QoS and Queue to optimize bandwidth usage. This will increase networks performance and efficiency. **RRT-102** is equipped with Network address Translate (NAT), Context-based Access control (CBAC), access-list and Virtual private network (VPN) for network security. **RRT-102** enables small and medium enterprise to conduct business over the Internet while protecting valuable resources. This router provides a serial port that provides up to 2Mbps (E1) bandwidth and also provides a reliable and stable path to Internet.



Key Features

- **WAN Connectivity:** Serial interface supports V.35 DTE/DCE, X.21, V.24, RS-232 up to E1 line rate Support PPP, frame-relay, X.25, HDLC, SDLC, SLIP and Stun protocols.
- **LAN Connectivity:** One RJ-45 Ethernet for 10 Mbps/100 Mbps auto detection
- **Management:** One RJ-45 console interface for terminal program management, Command line interface for full feature control Telnet, SNMP supports
- **Routing Capability:** Provide RIP 1, RIP2 and static routing protocol, Support EIGRP, OSPF routing protocol
- **Security:** AAA with PAP, CHAP and CBAC (Content-based Access Control) for network security, Provide Access-list (ACL) & RADIUS. Network Address Translator (NAT) simultaneous use of one IP address, VPN (Virtual Private Network) with IPSEC / IKE and GRE
- **QoS:** Provide WFQ, priority queuing, custom queuing and rate-limit to increase bandwidth performance and network efficiency.

Specifications

| Model | RRT-102 |
|---|---|
| Hardware Specifications | |
| LAN | 1 x 10/ 100 Base-TX (RJ-45) |
| WAN | 1 x Serial Port (DB-25) |
| Console | 1 x RJ-45 |
| Power Supply | 100-240V AC, 50/60 Hz |
| LED | Power, LAN Speed, LAN, WAN and Console Link/ Activity |
| Router Features & Protocol support | |
| Communication | PPP, frame-relay, X.25, PPPOE, HDLC, SDLC, SLIP, STUN and LAPB |
| Security | ACL, NAT, AAA RADIUS, PAP, CHAP and CBAC |
| Route Protocol | RIP V1 and V2, CDP, OSPE, EIGRP and Static |
| VPN | IPSEC and IKE, GRE |
| Queue/ QoS | WFQ, CQ, priority queuing and rate-limit, Class-map and policy-map |
| Application | DHCP server, PING, Trace Route, telnet, TFTP |
| Throughput | 2 Mbps |
| Dimensions | 217mm x 135mm x 43 mm (W x D x H) |
| Operating Environment | Operating: Temperature -5 ~ 50 degree C; Humidity 10~90% (non-condensing) |
| Regulatory compliance | FCC; Class A; CE |

Ordering Information: RRT-102: RealTime Serial WAN Router

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