

Broadband Access Router

——BDCOM 1720 Series Router

Introduction

BDCOM 1720 Series access routers are ideal for enterprise small branch offices and small and medium-sized businesses that need secure access to business applications, network resources, and Internet services for all users. The Bdcum 1720 Series delivers fast, reliable and secure Internet/network access through a wide-range of high-speed WAN access technologies for primary and backup WAN connections.

The BDCOM 1720 Series provides two Ethernet ports and two synchronous/asynchronous serial ports, it provides the flexibility to meet the most demanding and evolving business requirements such as high-speed broadband , leased-line access and comprehensive security.

BDCOM 1720 Series routers also deliver a comprehensive suite of integrated security capabilities with wire -speed IPSec VPN, stable firewall protection and intrusion detection.



Key Features and Benefits

- Higher cost effectiveness
- Data security: Supporting PAP, CHAP, RADIUS, AAA, VPN, IPSec, firewall, backup solution.
- Multiple routing protocol
- Dial-on-demand Routing (DDR).
- QoS: supports traffic classification and traffic policing, providing policies such as congestion management, congestion avoidance and traffic shaping.
- VLAN.
- broadband access solution: with two 10/100M self-adapting Ethernet port.
- SNA/DLSw and SNA trans-WAN transmission.

Technical specification

1. Supported Protocols and Applications

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|----------------|---|
| Datalink Layer | FR, X.25, LAPB, PPP, PPPoE, HDLC, SLIP, ISDN, PRI/BRI, LLC2, SDLC, DLSW-SSP, XoT, X.25-TCP, BDCOM Private, VLAN |
|----------------|---|

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|-----------------------|--|
| Network Layer | ARP, Proxy-ARP, DNS, NAT, ICMP, IGMP, DHCP-C, DHCP-S, DHCP-RELAY, IP Multicast, NHRP, DM/SM-PIM |
| Routing Protocol | Static Routing, RIP, OSPF, BEIGRP compatible With Cisco EIGRP, BGP-4, DDR, DVMRP, Policy Routing |
| Security | AAA Radius, TACACS+, Firewall, L2TP, GRE, IPSec, IKE |
| Reliability Functions | Port Backup, HSRP, E-backup BDCOM Private, Ethernet remote line auto-detected BDCOM Private |
| QoS | FIFO, PQ, CQ, CBWFQ, WFQ, RED, WRED, RTS, RSVP |
| Management | SNMP V1/2/3, RMON, PDP compatible With Cisco CDP |

2. Hardware Feature

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|--------------------------|--|------------------------|
| CPU | Basic frequency 50MHz | |
| Flash | 8~32MB | |
| SDRAM | 32~64MB | |
| EPROM | 512K | |
| Interface | 1 console port 1 10/100M Fast Ethernet Port 1 10M Ethernet port 2 Sync/Async serial ports | |
| Operating Temperature | 0 to 40 (32 to 104°F) | |
| Nonoperating Temperature | -20 to 65 (-4 to 149°F) | |
| Relative Humidity | 10% to 85% noncondensing | |
| Power Configuration | AC | 100 V 264V, 47 Hz 63Hz |
| | DC | -36V -72V 1.5A |
| Power dissipation | Max 50W | |
| Dimensions (L x W x H) | 344mmx275mmx45mm | |