

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

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

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

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	