Orbitor
4100

LIFETIME WARRANTY

Develcon
The INSTANT Connection

ISO 9002
Certified Manufacturer

- • *Routes IP & Novell IPX Network Protocols*

- • *Bridges all other Network Protocols*

- • *FECN/BECN Congestion Control*

- • *Per-PVC Compression*

- • *Transfer Rate up to 4Mbps*

- • *Single or Dual T1/E1 Network Access*

- • *SNMP/Telnet manageable*

- • *Choice of LAN & WAN interfaces*

Orbitor 4100 FRAC
Frame Relay Access Concentrator

IP/IPX Bridge/Router

Connecting your branch offices quickly and cost-effectively back to your Central Site HeadQuarters is now possible with the Orbitor 4100 FRAC !

The Orbitor 4100 Frame Relay Access Concentrator is designed to make the most of Frame Relay Networks with no-cost standard features that keep your on-going costs under control.

The Orbitor 4100 provides compression rates up to 600% and automatically 'bursts' to the maximum transfer rate possible. When notified of network congestion, the Orbitor 4100 automatically 'throttles back' to the configured CIR to comply with Frame Relay Quality of Service Requirements.

One or two high-speed frame relay links provide up to 4Mbps throughput to multiple remote sites. At each remote site a single Orbitor 3000 is configured to transfer data to/from the central site efficiently and securely.

Management of your Frame Relay Internetwork at the central site is made easy through a choice of menu-based console management, SNMP or Telnet. A point-and-click visual interface is also available through the NMC Vision SNMP Management System.

Orbitor 4100 Technical Specifications

Routing Protocols	Novell IPX (Internet Packet eXchange)
	    RIP (Routing Information Protocol)
	    SAP (Service Advertisement Protocol)
	IP (Internet Protocol)
	    RIP (Routing Information Protocol)
	    ARP (Address Resolution Protocol)
	        Proxy ARP
	    ICMP (Internet Control Message Protocol)

Bridging Protocols	802.3/Ethernet - Transparent MAC layer bridging 802.1D - STP (Spanning Tree Protocol)

WAN Protocols	Frame Relay
	    FECN (Forward Explicit Congestion Notification)
	    BECN (Backward Explicit Congestion Notification)
	    LMI (Link Management Interface)
	        Choice of:
	        - ANSI T1.617 - Annex D
	        - None

Other Protocols	UDP (User Datagram Protocol) TCP (Transmission Control Protocol) TFTP (Trivial File Transfer Protocol)
Network Management	SNMP (Simple Network Management Protocol) (MIBII, Bridge MIB, Enterprise MIB) Telnet (In-band management) Local RS232 console port (Out-of-band management) Orbitor-specific management by NMC Vision
Link Speeds	1.544/2.048 Mbps (T1/E1)
Filter Rate	14,000 pps
Transfer Rate	Up to 4 Mbps Per-PVC 600% data compression

LAN Interface	One port, Choice of:
	    10BaseT (RJ-45)
	    10Base2 (BNC)
	    10Base5 (AUI)
	        Compatible with FOIRL
	    Fiber transceiver

WAN Interfaces	Two ports, Choice of:
	    V.35
	    V.11/X.21

Size (in): **(cm):**	2"H. x 10"W. x 14.5"D. 5H. x 25W. x 28D.
Weight:	11lb. / 4.9 Kg
Temperature:	35° to 122° F. 2° to 50° C.
Humidity:	20% to 80% non-condensing
Power:	80-240 VAC 50-60 Hz 25 Watts max.

Develcon
The INSTANT Connection

NORTH AMERICA
(800) 667- 9333 ✆

Email: info@develcon.com   support@develcon.com
World Wide Web: http://www.develcon.com

Corporate Offices
856 - 51st Street East
Saskatoon, SK S7K 5C7
(306) 933-3300 ✆
(306) 931-1370 FAX

Canada
(905) 415-7711 ✆
(800) 717-7618 ✆
(905) 415-7707 FAX

United States
(404) 936-0366 ✆
(800) 423-9210 ✆
(404) 936-0711 FAX

ESPAÑA y PORTUGAL
email: info.c@consulintel.es
http://www.consulintel.es

Asia Pacific
(306) 933-3300 ✆
(306) 931-1370 FAX

CONSULINTEL
(91) 8587509 ✆
(91) 8587631 FAX

SouthEast Asia
(65) 775-5720 ✆
(65) 775-5721 FAX

Frame Relay Network