Orbitor 6100 Series

The Flexible Solution for Central Office Networking

- IP/IPX Routing
- Bridging all Other Protocols
- 600% Data Compression
- Hunt Groups
- Support for 14 WAN Interfaces
- Dual Power Supply
- IP & IPX Protocol Spoofing
- Internet Feature Set
  - NetSAFE Firewall
  - NAT/DHCP
  - NetWizard GUI
- Bandwidth-on-Demand
- ISDN Call Back
- ISDN PPP Switched -Permanent Channels can be Mixed
- ISDN PPP Digital Leased Circuit 64k, 128k
- Frame Relay over Digital Leased Line
- PPP-MP Interoperability
  - ISDN
  - Leased Line
  - Frame Relay (RFC 1490)
- T1/E1 Link Speed
- Multi-Vendor Interoperability
- Advanced Frame Relay Congestion Control
- Support for up to 128 DLCIs
- Auto-Learning/Configuration DLCI
- Link Management Parameters
- 600% Data Compression Per DLCI
- Telnet - SNMP v2 Management
- 5 Year Warranty

Communication Gathering

You have Branch Offices scattered on all four points of the compass and you need to communicate and gather data. You have to connect to PPP-MP Leased Line, PPP-MP ISDN and Frame Relay using RFC 1490 so what are you going to do?

The **Orbitor 6100** is a Multi-Protocol Modular Router that combines flexibility and scalability to provide you with up to 14 links to ensure that your network is available 24 hours a day, seven days a week. The **Orbitor 6100** provides WAN, BRI or a mix of both to ensure connectivity to your central site around the clock and around the world. Hot swapping of like WAN modules makes it easy for the **Orbitor 6100** to be available all of the time. To help keep critical lines available, the **Orbitor 6100** can use leased line or ISDN to backup a PPP-MP leased line or a single PVC in a Frame Relay environment. When dial backup of Frame Relay is required, PPP-MP ISDN can be used as backup. *Data Compression (Stac LZS)* is a standard offering on the **Orbitor 6100**, and with high-speed T1/E1 links your data will always get through. With the **Orbitor 6100** you can achieve compressed link speeds up to T1/E1.

Think Link Backup, Think Redundancy

As you can see the **Orbitor 6100** is bursting with state-of-the-art technology designed to make your Central Office networking fast, reliable and easy to use. The **Orbitor 6100** offers two megabytes of Flash Memory, sixteen megabytes of DRAM Memory and an internal international power supply supporting an optional dual power supply. With Frame Relay multi-vendor "*Interoperability*," you also get transparent connectivity and link backup.

Take advantage of your networking options with the **Orbitor** family of routers, offering a full feature rich software set and more!

Capabilities such as ISDN-protocol "*Spoofing*" eliminate idle on-line time by suspending the line when inactivity (user-defined in duration) is detected, automatically reactivating the line when activity begins. In the event of a leased line link failure, the **Orbitor** can automatically bring up a backup ISDN line or leased line for dial modem support, restoring the original leased line once it becomes operational again…all without operator intervention.

User-Friendly

The **Orbitor 6100** is exceptionally easy to install -- with its intuitive menu interface, it can be up and running in short order! Offering a wide choice of interfaces, such as ISDN U or S/T, a 56/64k CSU/DSU option or numerous serial interfaces, the **Orbitor 6100** router can be personalized to suit your needs. Once your set-up is complete, SNMP allows full monitoring through any management station.

In today's crowded and intensely competitive marketplace, real-time global data communication capabilities are a must. TriNexus partners and offices are located around the world to assist you in becoming and remaining time competitive, whether your networking needs are domestic or global.

Security

The need for Internet security and data integrity is understandable, particularly in today's global society. The **Orbitor 6100** router employs *NAT/DHCP* and *NetSAFE Firewall* to help guard against intruders and hackers, restricting access to and from devices, browsers, or server. As with other TriNexus routers, to-and-from access is limited to user-defined IP addresses. They also employ PAP/CHAP authentication and ISDN callback.

Warranty

The **Orbitor 6100 r**outer, like the entire family of Orbitor products, is backed by TriNexus's 5 *Year Warranty.*

TriNexus

Orbitor 6100 Series Product Specification

Standard Features 6100

The **Orbitor 6100** router supports IP/IPX Routing, Transparent Bridging, NetSAFE Firewall with 128 custom firewall entries per port, NAT/NAPT/Reverse NAPT and DHCP server, SNMP v2 management, Data Compression *Stac LZS*, and Protocol Spoofing. The Orbitor 6100 provides the ability to support simultaneous connections for up to 128 DLCI's per link or 14 remote offices. The **Orbitor 6100** supports multiple high speed links (T1/E1) with speeds up to 2.048 Mbps.

Either PPP-MP or Frame Relay (RFC1490) WAN protocols are supported over Leased Line or ISDN interfaces. Frame Relay over Digital Leased Line is also supported. With up to 14 serial or 7 BRI switched and/or permanent services or a mix of serial and BRI. The BRI switched and permanent services can be mixed within a BRI. Interoperable link protocol support includes PPP-MP over Leased Line, ISDN, and Frame Relay RFC 1490 over Leased Line and permanent BRI. The **Orbitor 6100** aggregate link rate is 4 Mbps.

Please see your TriNexus Sales Representative for a detailed product feature list.

Size: (cm) 11.1H x 44.4W x 29.5D
              (in)4.375"Hx 17.5"W 11.75"D
Weight: 6.0 kg / 13.2 lb.
Temperature: 2C to 50C / 35F to 122F
Humidity: 20% to 80% non-condensing
Power: 80-240 VAC
            50-60Hz, 100 Watts max

Type Approvals:
- NET 3 CE Mark Europe
- NI-1 North American

Security Protocols:
- NetSAFE Firewall
- PAP (Password Authentication Protocol)
- CHAP (Challenge Control Protocol)

NAT (Network Address Translation)

DHCP (Dynamic Host Configuration Protocol)

Network Management:
- NetWizard Configuration GUI
- SNMP v2, MIB II, Bridged MIB, Enterprise MIB
- In-Band Management (Telnet)
- Out-of-Band Management (Async Console Port)

Bandwidth-on-Demand:
- Time of Day Scheduling
- Traffic Level Bandwidth Allocation
- IP Address Auto-Connection

Link Speed: ISDN 128kbps Aggregate
              Leased Line T1/E1

Compression: Stac LZS

Certifications:
- BABT Pan European
- CE Approved
- NI-1 North America
- ISO 9002 Certified Manufacturer

5 YEAR WARRANTY

All specifications Subject to Change Without Notice