

iNFINITI 3000 Series Satellite Router

Delivering Reliable, High-Speed IP Broadband Connectivity for Enterprise Networks

The iNFINITI 3000 Series supports reliable, two-way IP traffic ideal for high-speed enterprise networking applications including VoIP, internet access, VPN, file transfer, multicasting, and videoconferencing.

The 3000 Series is a star-topology remote satellite router designed as an easy-to-deploy solution that integrates a satellite modem, IP router, TCP acceleration, and advanced QoS and prioritization capabilities. IP over Ethernet makes it easy to integrate the iNFINITI 3000 Series into enterprise networks.

Flexibility and Scalability

The iNFINITI 3000 Series uses the high performance TDM on the outbound and deterministic MF-TDMA technology on the inbound, delivering speeds up to 18Mbps on the outbound and up to 5 Mbps on the inbound. The flexibility and scalability of the iDirect product line allows the Network Operator to deploy tailored topologies and configurations to support the end-customer's specific needs.

Superior Quality of Service and Network Availability

The extremely flexible Quality of Service and prioritization capabilities allow the Network Operator to not only prioritize traffic and applications over its networks, but with iDirect's state-of-the-art Group QoS functionalities, they can determine traffic prioritization across multiple applications, multiple remotes, and multiple sub-networks, simultaneously adding a level of granularity that allows easy management of the most complex SLA's and subscriber services. Additionally, built-in automatic end-to-end uplink power control increases network availability and reduces downtime.

Bandwidth Efficiencies

iDirect's patented, deterministic MF-TDMA achieves a 98% payload efficiency on the return channel. Furthermore, supporting a wide variety of turbo product codes (TPC) FECs, the 3000 Series provides greater flexibility for network design and optimization. Furthermore, built-in TCP/IP and HTTP acceleration increases throughput performance, and maximizes the user's experience and satisfaction.

Simplicity

Operating with all iDirect's hubs the 3000 Series can be easily configured, monitored, and controlled through the iVantage™ Network Management System. This easy to operate and very intuitive NMS has been the industry's most renowned and robust network management system, proven and perfected for nearly a decade.

Offering more efficiency and higher data rates compared to other TDMA systems, the iNFINITI 3000 Series is an ideal enterprise networking solution for Network Operators seeking to reduce the total cost of ownership.



Features

- ◆ Star topology
- ◆ High data rates 18 Mbps outbound, 5 Mbps return
- ◆ Low cost of entry
- ◆ Built-in TCP and HTTP acceleration
- ◆ Advanced QoS and prioritization
- ◆ MF-TDMA return channel achieving 98% payload efficiency
- ◆ Automatic End-to-End Uplink Power Control for higher network availability

