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The iDirect 1100 Remote Network Accelerator

The iDirect 1100 is a stand alone accelerator deployed at remote locations of satellite networks. The 1100 Network Accelerator provides application prioritization and TCP acceleration, maximizing the speed of VPN and encrypted traffic traveling over a satellite networks.

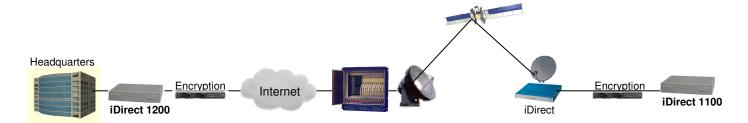


The iDirect 1100 Network Accelerator is a vital component of an overall satellite security implementation for customers and network operators without sacrificing network speeds or performance. An easy to use GUI configured network component, the iDirect 1100 significantly increases data rates over encrypted satellite networks. More importantly, the 1100 maintains the TCP Optimization over satellite that iDirect networks are known for, while simultaneously supporting application prioritization over encrypted links.

Optimized to support iDirect VSAT network traffic, the iDirect 1100 enables the deployment of government or corporate approved VPN solutions over satellite networks without loss of either TCP performance or support for real-time applications such as VoIP and streaming video. Designed to be practical and efficient, the iDirect 1100 provides remote customers:

- Freedom to choose the VPN equipment which meets their needs
- Optimized, tuned, and guaranteed with iDirect's TDMA Product Line
- GUI based management
- End-to-end QoS support
- Non-TCP Passthru and ToS Re-write Modes
- Fanless (High MTBF)
- Built-in 8-Port ethernet switch
- Static IP routes
- High MTBF embedded remote appliance

Remote locations no longer need to sacrifice functionality for security. The iDirect 1100 maximizes the performance of encrypted traffic traveling over a satellite link, providing the end user experience comporable to traditional landline networks. Real-time applications, like voice and video, can be given network priority insuring application performance regardless of encryption method.





<u>iDirect 1100 Stand Alone Accelerator</u> Specifications Sheet

Network Application

Acceleration of IP traffic over satellite in an end-to-end encrypted topology

Network Capacity

Aggregate Throughput 25 Mbps

TCP Session Benchmark* 1000 sessions

IP Features

TCP Acceleration

Router

Application QoS Web Acceleration

Multicast

Management

Centralized Dedicated GUI

CLI SSH

Field Upgradeable

Hardware

Network Interfaces 1 10/100 BaseT Ethernet

1 8 port 10/100 BaseT Ethernet

Hard Disk None, (Optional 30 GB)

Memory 128 MB SDRAM Flash Memory 16 MB Flash Power Supply 90 VAC-264VAC

Weight 3 lbs

Dimensions 11.75 w x 9.5 d x 2.38 hTerminal Interface RS-232 serial interface

Operating Environment

Temperature 5-50 degrees C

Humidity 5-95% MTBF 60000

Certifications FCC Class A, UL, CE Mark

The iDirect Stand Alone Network Accelerator Solution

iDirect's series 1000 line of Network Accelerator solutions is designed to overcome the limitations of TCP when operating over VPN-enabled satellite networks and to simultaneously support end-to-end QoS for support of real-time applications such as VoIP. Consisting of a hub and remote terminal(s), the Series 1000 accomplishes this by providing a configurable TCP Acceleration module as well as a set of QoS capabilities that allow vital QoS information to cross into the encrypted portion of the satellite network. When deployed in conjunction with iDirect satellite routers, this device allows customers to deploy networks over satellite that are both encrypted and accelerated.



