

iDirect 1100 Stand Alone Accelerator 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 h
Terminal 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.