

SatHaul-XE™ Companion



SatHaul-XE™ Companion is a network optimizer appliance for cellular backhaul 2G/3G and 4G/LTE over satellite, improving the subscriber experience and reducing the satellite capacity cost. The SatHaul-XE™ Companion utilizes WAN optimization software suite and designed to be paired with ST Engineering iDirect satellite modems at remote cellular access locations. The overall solution leverages iDirect platform traffic engineering capabilities such as QoS and layer 2 /layer 3 handling together with advanced cellular compression feature set and IPSEC DOE functionality.

Markets

Cellular Backhaul

Main Features:

- WAN Optimization
- IP QoS
- Layer 2 / Layer 3 handling
- Advanced Cellular compression
- IPSEC DOE functionality
- Embedded 8-port Ethernet switch

VELOCITY

EVOLUTION

powered by

Newtec  iDIRECT



Performance

Aggregate Throughput	50 Mbps/100 Mbps/200 Mbps
Simultaneous TCP Sessions	10,000

Features

Modes of Operation	Layer 2 or Layer 3
Quality of Service	IP QoS and TCP Weighted Fair Queuing QoS
Optimization Features	GTP Acceleration, Header Compression, Packet Compression, Packet Coalescing, Byte Caching, Packet Learning, IPSec with DOE
Redundancy	Fail-to-wire

Hardware

Processor	Intel Core Processor with C226
Network Interface	LAN: 8 Gigabit Ethernet ports
Local Management	1 Gigabit RJ-45

Mechanical & Environmental

Size

	Rackmount 1U
	43.8 cm x 41.5 cm x 4.4 cm (17.2 in x 16.3 in x 1.73 in)
Weight	10 kg (22.04 lbs).

Temperature

Operating	0° C to +40° C (32° F to +104° F)
Storage	-20° C to +70° C (-4° to +158° F)

Humidity

Operating	5 - 90%, non-condensing
Non-Operating	5 - 95%, non-condensing

Power

	1+1 Redundancy
Input Voltage	300W 100 - 240VAC @ 50 - 60 Hz, 4 - 2A max

For more information please contact your Sales Representative at sales@idirect.net.