NERA SATLINK 1910

Satellite Broadband For The Professional User

Outperforming traditional VSATs both in terms of performance and cost, the **Nera SatLink 1910** enables ISPs and carriers to expand their business by providing reliable and fast two-way IP broadband services based on the **DVB-RCS standard**.

The **Nera SatLink 1910** can power 5 Watt transmitters, supporting Ku-, Ka-, and C-band, without requiring external power sources. This makes it ideally suited for bandwidth intensive applications such as videoconferencing, VPN and multicasting.

NERA SATLINK 1910

Satellite Broadband For The Professional User

HIGH PERFORMANCE BROADBAND CONNECTIVITY

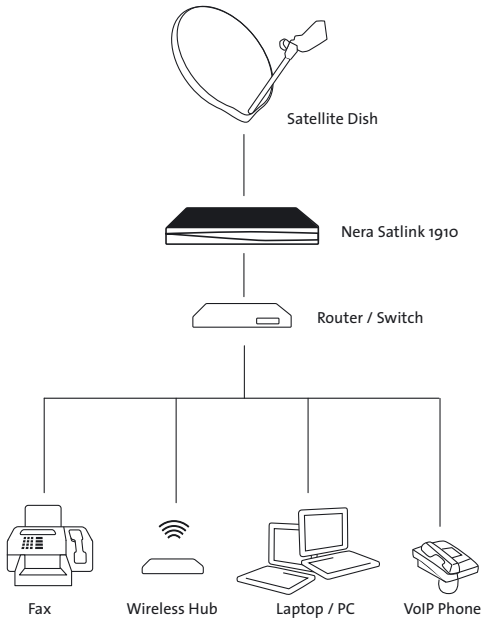
With return link up to 8 Mbps, the 19" rack mountable Nera SatLink 1910 supports a wide range of IP broadband applications and integrates seamlessly with terrestrial networks. An upgrade path for even higher speeds is built into the product through an expansion slot for DVB-S2.

OPEN STANDARD

DVB-RCS is the only true open two-way satellite standard ensuring interoperability between equipment as well as vendor independence. DVB-RCS systems are extremely bandwidth efficient, resulting in much lower operating costs than traditional VSATs. Nera has been a driving force behind this globally adopted standard since its conception.

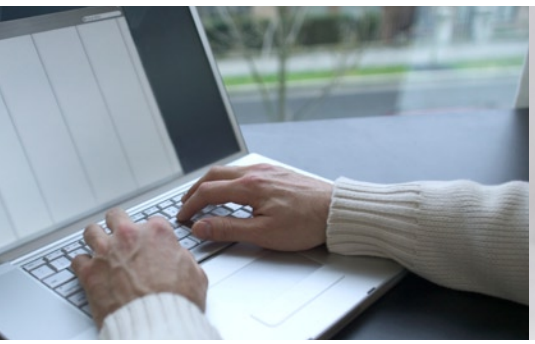
REMOTE MANAGEMENT & EASY INSTALLATION

The Nera SatLink 1910 can be software upgraded over-the-air, making it very simple for an operator to add new system features to all user terminals remotely. During installation, a novel command interface allows the network operator to take full control of the line-up remotely, reducing installation time to a minimum. The indoor unit works with a variety of transceivers, LNBs and transmitters and supports enhanced DiSEqC.



A fully owned subsidiary of Nera, Nera SatCom is a leading manufacturer of equipment based on the DVB-RCS broadband via satellite standard, and the chief supplier of products and solutions for the Inmarsat satellite system.

Nera SatCom AS
Bergerveien 12
1375 Billingstad, Norway
www.neraworld.com



TECHNICAL SPECIFICATIONS

Receive	
Modulation	QPSK
Symbol Rates	1-45 Msps
FEC Type	DVB-S Compliant (RSV) 1/2, 2/3, 3/4, 5/6, 7/8
Transmit	
Modulation	QPSK
Symbol Rates	125-3000 ksps
User Rates	2-4000 kbps, steps of 2 kbps
Frequency Hopping	Fast, within 36 MHz band
Burst Profile	MPEG, ATM
Capacity Request	CRA, RBDC, VBDC, FCA
Performance	
Throughput IP / MPEG-2	8 Mbps / 72 Mbps
Protocol Support	
Standard	ARP, ICMP, IP, UDP, TCP, IGMP, DHCP Server, IP QoS, SNMP
SW Options	GRE, NAT, TCP/HTTP PEP
Management Interface	
Network	Web, Telnet, SNMP
Command Line	RS-232
Physical Interfaces	
Network	Ethernet, 10/100 Base-T
Serial Port	RS-232
ODU/IFL	Dual cable, F-connector, 75 Ohm

ODU/IFL Interface	
Input signal level	-75 to 0 dBm
Input frequency	950-2150 MHz
RX Control channel	13/18 V and 0/22 kHz signalling
RX Power supply	13/18 V, 300 mA max
Output signal level	-35 to 0 dBm
Output frequency	950-1450 MHz
TX Phase noise	As per DVB-RCS guidelines
TX Control channel	Ext. DiSEqC with 22 kHz PWK
Power supply	24 V, 3 A max
ODU/RF Equipment	
KU-band	
BUC / Transceiver	Nera SatLink 4033/4035 + BUCs up to 5 W
Antennas	0.75 – 2,4 meter (typical)
Environment	
Power supply	110-240 VAC, 50-60 Hz, external
Power consumption	10 W (IDU only) 31 W transmitting at P1dB with Nera Satlink 4033
Operating Temp / Storage Temp	0 to 45°/-20 to +85°
Humidity	20 to 90 % non-condensing
Size	44 x 24,5 x 4,5 cm
Weight	4 kg
Compliance	CE, ETSI