HUGHES
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HT2200 Satellite Router

As part of the market-leading Hughes JUPITER™ System, the HT2200 is the powerful, next-generation satellite terminal that provides high speed broadband access to small/medium enterprise (SME) and distributed enterprise users. The HT2200 terminal supports wideband DVB-S2X forward channel, delivering the industry's best efficiency. The return channel uses powerful and advanced Low Density Parity Coding (LDPC) in conjunction with Adaptive Inroute Selection (AIS) for industry-best performance. The HT2200 features best-in-class throughput performance, delivering up to 200 Mbps of throughput and the capability to support the most bandwidth-intensive and demanding applications.

The HT2200 terminal features a small desktop chassis with 4GigE LAN ports, and a single cable IFL for interface to the Outdoor Unit (ODU).

JUPITER™
SYSTEM

For additional information, please visit
www.hughes.com or contact us at
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Specifications - Indoor Unit (IDU)

Forward Channel

- DVB-S2X with Adaptive Coding and Modulation (ACM)
- Frequency: Ka-band or Ku-band
- Modulation: QPSK, 8PSK, 16APSK, 32APSK, 64APSK
- Encapsulation: GSE
- Symbol rates: Up to 235 Msps

Return Channel

- MF-TDMA
- LDPC FEC with efficient variable block/burst sizes
- OQPSK modulation
- Symbol rate from 256 ksps to 8 Msps

Network Interfaces

- 4 GigE LAN ports
- USB port

Power Supply

- External with detachable cord
- AC Input Voltage Range: 90-264 VAC
- Input Frequency Range: 47-63 Hz

Mechanical and Environmental

- Weight: 1.2 lbs (0.5 kg)
- Size: 7.24" H x 2.64" W x 5.83" D
- (18.39 cm H x 6.71 cm W x 14.81 cm D)
- Operating temperature: 0º C to +50º C
- Relative humidity: 0 to 90% (noncondensing)

- **Other**
- Radio specifications:
- Works with Hughes single IFL cable outdoor unit (ODU)
- Availably in Ka- and Ku-band radio
- Antennas: 74 cm, 98 cm, or 120 cm
- IFL cable type and Length: Single RG-6, 75 ohms, F-type connector, up to 300' (100m)

- **Regulatory**
- Safety: UL/CSA/EN 60950
- EMC: FCC Part 15 class B, ICES-003
- RoHS compliant

IP Features:

- Dual stack IPv4/IPv6
- Static and Dynamic Addressing
- BGP Routing Support
- Policy Based Routing
- NAT/PAT
- RIPv2, RIPNG
- VLAN tagging
- DHCP-V6 Relay
- VRRP
- Access Control List (ACL)
- DNS Caching
- SIP Call Proxy
- Advanced Web Acceleration