Uniguest Terrestrial LAN-Caster (783).

DVB-T/T2/C gateway for Digital Terrestrial & CATV Re-Broadcast over IP.

Key Features

Supports both SD & HDTV transmissions (DVB-T, T2 and C)

PCMCIA CI CAM Slot for multiple channel decryption

Auto configuration with Uniguest's MediaStar Media Manager

Delivers up to 15 channels of TV and Radio from a DVB-T/T2/C multiplex

IP command pass through and IR Routing support

Compact hot-swappable blade allowing up to 9 Units in 3RU

The Uniguest DVB LAN-Caster is a powerful and ultra-reliable solution for streaming digital terrestrial and CATV transmissions. When connected to a DVB-T/T2 aerial or DVB-C cable signal, the LAN-Caster can stream up to 15 channels of TV and Radio from an RF multiplex to any networked PC using the Uniguest MediaStar Media Portal (470) or video screens equipped with Uniguest Digital Media Players (780/782).

Models	• 783-TC • 783-TC-CI • 783-T2C • 783-T2C-CI
What's in the box?	• 783 DVB LAN-Caster Gateway Blade • RJ45 patch cable (2.0M)
RF Input	75ohm type F female connector for digital terrestrial or cable television (DVB-T/T2/C) channels
RF Frequency Range	45 to 866 MHz
RF Input Level	• DVB-T/T2: 12 to 95 dBμV (100 KHz RBW) • DVB-C: 28 to 97 dBμV (100 KHz RBW)
RF Loop-Through	• F type female connector (75 Ohms), 0dB gain, 50dbμV maximum RF input level when using loop through to 8 additional Uniguest DVB-T/T2 LAN-Caster units. • RF loop through should not be used in DVB-C installations.
Cam Support	• CI CAM modules supported with all common decryption standards (Irdeto, Viaccess, Conax, Nagravision) • Single and professional multi-channel CAMs supported • PCMCIA connector, 5V and 3V CAMs supported
Network Configuration	• RJ45 802.3 10/100 Base-T Auto MDIX • Static or DHCP IP Address • DSCP stream tagging for QoS
Network Protocols	UDP, TCP, ARP, DHCP, ICMP, IGMP V2, HTTP, Telnet, SNMP, Syslog, SAP/SDP, SMTP, DSCP
USB Comms	USB 1.1 Serial Comms for external configuration and or control
RS232 Port	Rx, Tx, CTS, RTS up to 11,5200 Baud Configured for SIPI external configuration/control OR IP to RS232 bidirectional pass through for external device control
Infra-Red Blasters	• 2 separate outputs supporting Sky, Sky+, SkyHD IR formats with web page or IP command remote activation • Remote IP command generates any IR remote control keypress • 30 - 56 KHz modulated IR waveforms supported

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hello@uniguest.com
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Unit Configuration	• Via on board web server using a laptop or tablet • Via front panel buttons and LCD status display • Remotely using Uniguest's MediaStar Media Manager software
Unit Monitoring	• Key operating functions reported via SNMP or Syslog traps sent to third party SNMP manager (MIB available on request) • Automatic e-mail of Event log files via external SMTP server • Operating temperature via remote web interface
Control Interface	• RS232, USB 1.1 serial interface • Telnet for third-party connectivity via TCP control, such as touch panel interfaces
External IP control interface	• ASCII Command/configuration via IP interface • USB comms and RS232 comms interfaces
Upgradability	• Enablement code to upgrade from DVB-T to DVB-T +T2 • Enablement code to upgrade from non CAM to CAM support • Enablement code to upgrade from non DVB-C to DVB-C support • Upgrades in-situ, with no hardware change required
SAP Announcements	SAP (Session Announcement Protocol) notification of IP streams
Physical	**Dimensions:** 129 x 41 x 225 mm **Weight:** 375g (blade only) **Power:** 17W (from Uniguest rack chassis)
Operating Temperature	0° - 40°C, 32 - 104 °F
Approvals	FCC, CE, UKCA, RCM, TUV, CB, and UL approved as part of the MediaStar 770 or 769 rack chassis

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