



# Uniguest ATSC QAM LAN-Caster (795).

**ATSC Digital Terrestrial and QAM CATV gateway for Digital Satellite Re-Broadcast over IP.**

## Key Features

Supports SD, HD & UHD TV transmissions (ATSC, QAM)

Select channels by multiplex or by channel name

Unrestricted number of TV channel IP streams from up to 5 RF multiplexes

Original PIDs included in each stream

Optional stream encryption

DSCP tagged streams for QoS enabled networks

IP command pass through and IR Routing support

The Uniguest LAN-Caster is a powerful, ultra-reliable solution for streaming Digital Terrestrial or CATV transmissions. When connected to an ATSC 'off air' antenna or a QAM CATV signal, the LAN-Caster can stream numerous TV and radio channels extracted from up to five RF multiplexes to any networked PC using the Uniguest MediaStar Media Portal (470) or video screens equipped with Uniguest Digital Media Players (780/782).

<b>Models</b>	<ul style="list-style-type: none"> <li>795-2-ATSC-QAM</li> <li>795-3-ATSC-QAM</li> <li>795-4-ATSC-QAM</li> <li>795-5-ATSC-QAM</li> </ul>
<b>What's in the box?</b>	<ul style="list-style-type: none"> <li>795 ATSC-QAM LAN-Caster Gateway Blade</li> <li>CAT5/6 patch cable (2.0M)</li> </ul>
<b>RF Input</b>	75ohm type F female connector for RF input of Digital Terrestrial (ATSC) or Cable Television (QAM) channels
<b>RF Frequency Range</b>	42 to 870 MHz (center frequency)
<b>Rf Input Level and Demodulation</b>	<ul style="list-style-type: none"> <li>ATSC: -36 to +28 dBmV</li> <li>QAM: -34 to +27 dBmV</li> <li>Demodulation: ATSC A/53 compliant 8/16 VSB, ITU-T J.83 Annex B 64/256 QAM</li> </ul>
<b>Output Streams</b>	<ul style="list-style-type: none"> <li>Unrestricted number of TV channel IP streams from up to 5 RF multiplexes</li> <li>One unicast or multicast stream per TV channel</li> <li>Maximum throughput all channels, all multiplexes: 250 Mbps</li> </ul>
<b>Network Configuration</b>	RJ45 802.3 100/1000 Base-T Auto MDIX, Static or DHCP IP Address DSCP stream tagging for QoS
<b>Network Protocols</b>	UDP, TCP, ARP, DHCP, ICMP, IGMP V2/V3, HTTP, Telnet, SNMP, SMTP, DSCP
<b>RS232 Ports</b>	Rx, Tx, CTS, RTS up to 11,5200 Baud configured for SIPI external configuration/control OR IP to RS-232 bidirectional pass through for external device control
<b>3rd Party Control Interface</b>	<ul style="list-style-type: none"> <li>RS-232, text based SIPI protocol</li> <li>IP, text based SIPI protocol</li> </ul>
<b>Physical</b>	<p><b>Power:</b> 17W</p> <p><b>Weight:</b> 0.5Kg / 1.3 Lbs</p> <p><b>Dimensions:</b> 129 x 41 x 225 mm</p>
<b>Operating Temperature</b>	0° - 40°C, 32° - 104°F (rack chassis ambient)
<b>Approvals</b>	FCC, CE, UKCA, RCM, TUV, CB and UL approved as part of the Uniguest 770 or 769 rack chassis