



# Uniguest 799 IP Re-Caster.

**Gateway for multicast or unicast stream transport and conversion.**

## Key Features

Enables full duplex IPTV connectivity between multiple sites

Optional AES encryption

Converts either unicast or multicast streams

SRT streaming compatibility

IP streams DSCP tagged for QoS network control

Local monitoring of unit operational status

The Uniguest IP Re-Caster provides an efficient and robust way to distribute multiple live IP video streams between multiple remote sites. It can operate over a WAN, VPN, or the Internet using SRT protocol.

The blade-based IP Re-Caster processor module converts and transfers unicast or multicast IPTV streams across a network to additional sites. A second 799 at the receiving site will re-convert and redistribute the multicast or unicast stream, making it easy to expand Uniguest's IPTV system across multiple sites using a single headend.

<b>What's in the box?</b>	<ul style="list-style-type: none"> <li>799 Re-Caster Gateway blade</li> <li>RJ45 patch lead (2m)</li> </ul>
<b>Inputs</b>	<ul style="list-style-type: none"> <li>Unicast or multicast UDP MPEG2 transport streams. Encrypted or unencrypted SRT streams</li> <li>Data input rate up to 600 Mbps</li> </ul>
<b>Outputs</b>	<ul style="list-style-type: none"> <li>Unicast or multicast UDP MPEG2 transport streams (with IP Address translation). Encrypted or unencrypted SRT streams</li> <li>Data output rate up to 600 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, PIM-SSM,TCP, ARP, DHCP, ICMP, IGMP V2/V3, NTP, HTTP, HTTPS, Telnet, SNMP, SMTP, DSCP, RTSP & SRT
<b>USB Port</b>	<ul style="list-style-type: none"> <li>USB 3.0 host port for keyboard and mouse.</li> <li>Software upgrade via memory stick</li> </ul>
<b>RS232 Port</b>	Rx, Tx, CTS, RTS up to 11,5200 Baud. SIPI external configuration/control OR IP to RS-232 bidirectional pass through for external device control.
<b>Unit Configuration</b>	<ul style="list-style-type: none"> <li>Fully integrated with Uniguest Media Manager software</li> <li>Local status monitoring and IP setup from front panel buttons and LCD display</li> <li>On board web server and web page menus for use with remote computer browser</li> <li>Rear panel HDMI port for monitoring unit status page. Unit front and rear panel 'locator' LED function to easily identify a single unit within a rack</li> </ul>
<b>Unit Monitoring</b>	<ul style="list-style-type: none"> <li>Internal operating temperature available remotely via web interface</li> <li>Key operational warnings reported via SNMP traps sent to third party SNMP manager (MIB available on request)</li> <li>Automatic e-mail of event log files via external SMTP server</li> </ul>
<b>Power</b>	17W
<b>Operating Temperature</b>	0° - 40°C; 32° - 104°F