

# MediaStar License Key Server for secure distribution of access keys across a LAN or WAN (797)



The MediaStar License Key Server provides a secure and efficient way to store and distribute license and access keys to PCs enabling them to access and play protected media assets held within the MediaStar ecosystem.

## Key Features

- A single 797 Key Server can simultaneously support up to 10,000 PC users
- Only one 797 Key Server is required per enterprise
- Multiple locations & sites can be served via WAN connectivity
- Hot swap and failover protection for system integrity and robustness
- Occupies one slot in a MediaStar 770 or 769 powered rack frame
- Inter-operable with MediaStar Media Manager V11.2 and Portal player V4.0 onwards

## Models

- 797

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The MediaStar **License Key Server** (Model 797) is a blade-based processor module that securely distributes license keys to PCs within a MediaStar ecosystem via a LAN or WAN.

Pre purchased media access keys are factory loaded under secure conditions by MediaStar Systems prior to delivery and commissioning of the units. Each unit can support up to 10,000 keys.

Operating in conjunction with **MediaStar Media Manager** (model 467) and **MediaStar Portal Page** (model 470) software, the Key Server will issue a viewing session key to Portal Page clients that have also been authorized by Media Manager to view secure media content. When the viewing session is terminated, the keys will be released back to the key server.

The Key Server is a 'hot swap blade' and can be plugged into a **MediaStar Multi-slot 3RU Rack** (model 770) or it can be used in a free standing **MediaStar Single Slot Appliance Chassis** (model 769). Two or more 797 units can be used in a failover mode for system integrity and robustness.

## Specifications

What's in the box	<ul style="list-style-type: none"><li>• 797 License Key Server Blade</li><li>• RJ45 patch lead (2m)</li></ul>
Network & Interfaces	<b>LAN and Network Protocols:</b> <ul style="list-style-type: none"><li>• RJ45 802.3 100/1000 Base-T Auto MDIX.</li><li>• Static or DHCP IP Address.</li><li>• TTL and DSCP stream tagging for QOS</li></ul>

	<b>Protocols:</b> UDP, TCP, ARP, DHCP, ICMP, IGMP V2/V3, NTP, HTTP, HTTPS, Telnet, SNMP, SMTP
	<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 with ONLY protected MediaStar software.</li></ul>
	<b>RS-232 Port for 3rd Party Control Interface:</b> <ul style="list-style-type: none"><li>• 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</li></ul>
Configuration & Monitoring	<b>Configuration:</b> <ul style="list-style-type: none"><li>• Fully integrated with 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>• Unit front and rear panel 'locator' LED function to easily identify a single unit within a rack</li></ul>
	<b>Event 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><li>• Network bandwidth and CPU monitors are provided.</li></ul>
OTHER INFORMATION	<b>Power Dissipation &amp; Environmental:</b> <ul style="list-style-type: none"><li>• 17 W (from MediaStar rack chassis).</li><li>• Operating temperature; 0° - 40°C; 32° - 104°F (Housing ambient)</li></ul>
	<b>Weight and Dimensions:</b> <ul style="list-style-type: none"><li>• 0.5Kg; 1.3 Lbs. (797 Blade only) W 4.1 H 12.9 D 22.5cm; W 1.6 H 5.0 D 8.6" occupies 1 slot of a MediaStar rack / appliance housing</li></ul>
	<b>Approvals:</b> <ul style="list-style-type: none"><li>• FCC, CE, UKCA, RCM, CB, TUV Approved as part of MediaStar 770 or 769 rack chassis</li></ul>