



Uniguest 798 H264 Encoder.

HD HDMI H264 Encoder with HDCP Pro capability.

Key Features

Output stream resolutions up to 1080p60

Supports HDCP Pro and AES128 encryption

Dual stream H264 / HLS option

IP streams DSCP tagged for QoS network control

Local monitoring of unit operational status

Compact size with low power consumption

The Uniguest H264 Encoder is a versatile and robust processor blade with H264 encoding and optional HDCP Pro content protection compatibility - ideal for redistributing HDCP protected content across a secure, controlled IP environment.

HDMI video and audio signals can be streamed to users across an IP network and viewed on screens and displays via Uniguest Media Players (782 & 780) and to PCs using Uniguest MediaStar Portal pages (470). In addition, Dual Stream HLS Mode delivers a simultaneous HLS stream output that can serve up to 50 users viewing on iOS or Android devices.

Models	798-720p 798-HD 798-HDCP
What's in the box?	798 Encoder blade - RJ45 patch lead (2M) 2 x HDMI to HDMI lead (1M)
Video	HDMI 1.4 Digital - Resolutions: 576i50, 480i60, 720p50, 720p60, 1080i50, 1080i60, 1080p50, 1080p60
Audio	HDMI, digital stereo audio
Output	- H264 Video & AAC Audio. Bandwidth 3 to 20Mbps. Resolutions 576i50, 480i60, 720p50, 720p60, 1080i50, 1080i60, 1080p50, 1080p60 - HLS
Network Configurations	- RJ45 802.3 10/100/1000 Base-T Auto MDIX. Static or DHCP IP Address. DSCP stream tagging for QoS - Protocols: UDP, TCP, ARP, DHCP, ICMP, IGMP V2 / V3, HTTP, HTTPS, Telnet, SNMP, Syslog, SDP, SMTP, DSCP, HLS.
Network Protocols	- RJ45 802.3 10/100/1000 Base-T Auto MDIX. Static or DHCP IP Address. DSCP stream tagging for QoS - Protocols: UDP, TCP, ARP, DHCP, ICMP, IGMP V2 / V3, HTTP, HTTPS, Telnet, SNMP, Syslog, SDP, SMTP, DSCP, HLS.
Ports	USB - USB 3.0, type A: Host port for keyboard and mouse. Software upgrade via memory stick with ONLY Uniguest protected software RS232 - Rx, Tx, CTS, RTS up to 115,200 Baud. SIPI external configuration/control or IP to RS232 bidirectional pass through for external device control
Power	17W (from Uniguest rack chassis)
Physical	Dimensions: 4.1 x 12.9 x 22.5cm Weight: 0.5Kg/1.3lbs Operating Temperature: 0 - 40°C; 32 - 104°F
Approvals	FCC, CE, UKCA, RCM, TUV, CB, and UL approved as part of the Uniguest 770 or 769 rack chassis