MediaStar 4K IPTV & Media Player (Models 782-LT-POE & 782-LT-POE-DS)

The 782-LT is a powerful and ultra-reliable solid-state media player, a full 4K multi-zone digital signage platform and a networked 'Live' stream IPTV decoder. With PoE, HTML5 rendering and on-board memory plus HDCP secure and Signage model options, it is ideal for any deployment.

Key Features

- Decodes HEVC, H264, HLS and MPEG2
- Renders HTML5, HTML5 video tags, JPEGS, PNG, GIFs
- Supports SD, HD and UHD multizone screen formats
- Zones can contain video, RSS text, tickers & clocks
- DVB TeleText / CC subtitles in multi-language
- Supports Dolby Audio® technology
- Supports 3rd Party HTML applications
- HDCP content protection option
- AES128 decryption capability
- CEC display screen control
- IP pass through to operate with 3rd party touch panel controllers

Models

- 782-SL-16-POE-LT
- 782-SL-16-POE-LT-HDCP
- 782-SL-16-POE-LT-DS

MediaStar 4K IPTV & Media Player (Models 782-LT-POE & 782-LT-POE-DS)

MediaStar Digital Media Players are the professional solution for your entire IPTV, Digital Signage and Digital Media delivery requirements.

The 782-LT can decode H.265, H.264, HLS and MPEG-2 network streams and play locally stored video files from onboard memory, so that a combination of live streamed network video /audio and file-based media can be displayed.

The unit supports many video formats that can be presented at full screen or scaled to size. For example, a 4K HEVC or H.264 video can be played out, or multiple 1080p videos can be simultaneously displayed.

Video can be stored and accessed locally from flash, a remote RTSP video server or played from 'Live' IP multicast network streams.

Using hardware accelerated HTML5 rendering in a full 4K UHD screen configuration, a displayed page can simultaneously show

diverse forms of media within a mosaic of different dynamic zones. Each of these can contain video playout, RSS text feeds, smooth scrolling tickers, clocks and graphics widgets as well as HTML web pages with video tags, centralized cookie updating and managed login support.

The unit can also decode AES encrypted media and offers optional HDCP Pro capability enabling the 782 to play HDCP protected media assets held within the MediaStar ecosystem, offering link security to valuable and confidential content. For further information see the MediaStar guide to HDCP.

A comprehensive I/O package includes HDMI-CEC, Infra-Red and USB connectivity. This enables local operation such as display control, keyboard and mouse interaction and IP command pass through for 3rd party device control. The unit will also email proof of play reports and send SNMP traps if required.

782- LT models can operate networked under the control of the **MediaStar Media Manager** software suite (Model 462) enabling a system administrator to configure an extensive range of time based and user selected media playout controls.

Additionally, the 782-LT-DS can be programmed with **MediaStar Creator** (Model 478) a fully featured content creation program for MediaStar system users to easily design, compile and aggregate their own original branded signage content for display on any number of screens and display points around an organisation or campus.

The 782-LT is designed and built in the United Kingdom. With its compact size, low power consumption, maintenance free operation and software future proofing it is ideally suited for both large scale distributed applications and simple single screen deployments. Please see model options above.

Specifications

What's in the box	• 782 Media player unit • HDMI cable (1.0M)
Communications and Control	**Network** • Ethernet 10/100/1000 Base T Auto MDIX • RJ-45 802.3 jack with integrated LEDs • UDP, TCP, ARP, DHCP, ICMP, IGMP V2/V2, HTTP, HTTPS, SNMP, SNTP, NTP. RTSP. • Static or DHCP IP Address
	Mode of Operation • Administered and controlled by MediaStar Media Manager Software (model 462).
	IP Setup and Control • Full configuration via on-board browser with remote status monitoring information • Initial IP address configuration via DHCP or local IR remote control • IP control protocol to operate with 3rd party touch panel controllers
	IR Control • Integrated 38KHz modulated IR receiver module. • Optional external remote IR receiver (model 911-4153) • Channel, volume and setup control via MediaStar IR Remote Control Unit (model 910-IR).
	Software Updates and Security • **782 Unit:** Fully and securely upgradable ONLY with protected MediaStar software via MediaStar Media Manager HTTP server, or by local USB Key. • **HDCP:** Input to 782 unit HDCP 2.2 pro. Output from 782 unit to display HDCP • **AES:** Optional AES 128 decryption capability
Video	**Decoding** • MPEG2, H.264, H.265 files and UDP MPEG2-TS and HLS streams • HEVC (Covered by Patents listed at patentlist.hevcadvance.com)

	Output • HDMI 1.4b. • SD 480i, 480p, 576i, 576p • HD 720p (50/60), 1080i (50/60), 1080p (50/60) • UHD (4K) 2160p (25/30) • CEC Support for display screen control • HDCP compatibility (HDCP enabled models only)	
Audio	**Decoding** • MPEG-1/2 audio layers I, II • HE-AAC LC • Dolby Digital	
	Output • HDMI - PCM Digital multichannel or stereo audio • Dolby	
OTHER CONNECTIONS	**USB** • 1 x USB 2 port • For secure software updates, local configuration. • Supports keyboard/mouse, touchscreen and other peripherals for interaction with the unit. HID compatible	
OTHER INFORMATION	**Dimensions** 18.0cm x 12.4 cm x 2.8cm / 7 1/4" x 4 7/8" x 1 1/8"	
	Weight • 0.42Kg / 0.9lb	
	Operating Temperature • 0 - 40°C / 32 - 104°F	
	Operating Platform • Linux 3.10 Kernel	
	On-board Browser • Enhanced Chromium	
	Power Supply • Power over Ethernet 802.3af class 0 device, 802.3at class 4 device	
	Power Dissipation • 7W typical	
	Approvals • FCC, CE, UKCA, RCM, TUV, CB and UL approved • Dolby Audio and the double-D symbol are registered trademarks of Dolby laboratories. • HEVC is covered by one or more claims of the patents listed at patentlist.hevcadvance.com.	