



A140 & A540
DIGITAL SIGNAGE & VIDEO-ON-DEMAND MEDIA PLAYERS

Cilutions - Digital Media Bridge
877-515-4004
www.cilutions.com



Product	A540 Media Player	A140 Media Player
Networked Appliance	✓	✓
Media Formats		
Videos		
• Standard Definition	✓	✓
• High Definition	✓	✓
• MPEG-2	✓	✓
• MPEG-4 AVC/H.264	✓	✓
Images		
• High Definition	✓ ⁱ	✓ ⁱ
• BMP	✓	✓
• JPEG	✓	✓
• PNG	✓	✓
• GIF	✓	✓
• TIFF	✓	✓
Audio		
• MP3	✓	✓
• HDMI 1.2a	✓	✓
Display Resolutions		
• 1080i	✓	✓
• 720p	✓	✓
• 480i	✓	✓
Native Connectors		
• HDMI 1.2a	✓	✓
• Composite	✓	✓
• Component	✓	✓
• S-Video	✓	✓
• Ethernet 10/100	✓	✓
• USB	✓ ⁱⁱ	✓ ⁱⁱⁱ
• RF Cable Connection	✓	✓
• Status LEDs	✓	✓

i - Up to 1280x720

ii - USB2.0 x 3, FAT32, NTFS

iii - USB2.0 x 1, FAT32, NTFS

Feature	A540 Media Player	A140 Media Player
Interactivity <i>(Support for IR remote control and touch screen interaction)</i>	✓	✓
Looping Playlist Support <i>(Multiple images or videos in a list)</i>	✓	✓
Zones <i>(Multiple content windows displayed on a single screen)</i>	✓	✓
Video and Image Playlists <i>(Permits combining videos and images in a playlist for rendering in the same screen zone)</i>	✓	✓
Text Ticker Feed and Subtitles <i>(Scrolling text messages)</i>	✓	✓
Usage Tracking Statistics <i>(Logs recording player performance)</i>	✓ ⁱ	✓ ⁱ
Playback Scheduling and Day-Parting <i>(Control screen layouts and playlist by time of day)</i>	✓	✓
Menu Boards <i>(Multiple text tables [e.g., price list spreadsheets] on a screen where each spreadsheet can be separately updated)</i>	✓	✓
On-Demand Video Record <i>(PVR capability where a user [either locally using a remote control or remotely using an SNMP command] can initiate recording of a live video feed storing it on the A540's hard drive for subsequent playback)</i>	✓	
Video-On-Demand Playback <i>(Interactive catalog of videos which can be selected for local playback. Supports both touch screen and remote control operational modes)</i>	✓	✓
Video "Trick Play" Support <i>(Through navigation buttons on the remote control, easily fast-forward and rewind videos)</i>	✓	✓
Way-Finding <i>(Interactive catalog of maps [i.e., images for display] selectable by remote control or touch screen interaction)</i>	✓	✓
Weather Records <i>(The ability to show multiple days, temperatures and informative images to render weather conditions)</i>	✓	✓
RSS Ticker Feed <i>(Scrolling news feeds from an external source)</i>	✓	✓
Transparent Image Over Video <i>(An image file, with a configured transparency level, can be used to overlay some or all of a video zone thereby providing unique "branding" [e.g., a customer logo] over a portion of the video at each player location)</i>	✓	✓
Transparent Text Over Video <i>(RSS or text crawler over video with a configured background transparency level)</i>	✓	✓

ⁱ - Extensive network accessible logs including POPAI compatible records of all videos played

Feature	A540 Media Player	A140 Media Player
Live Video Option (The ability to include live video as an alternative or in addition to video files stored locally)	✓ ⁱ	✓ ⁱ
Multicast Streamer (The ability to multicast stream a video file to downstream devices on the network)	✓ ⁱⁱ	✓ ⁱⁱⁱ
Paging Overlay (The ability to receive an “announcement” screen zone useful for paging applications. Here the player renders the announced screen for a few seconds before returning to its active screen)	✓	✓
Real-time API (The ability to receive a screen update in real-time offering a programmatic command/response API to supplant or augment the file-based model for screen operations)	✓	✓
Screen Creation		
Application for Graphically Building Screens (Let’s a network administrator or user build screens and publish to individual players or groups of players)	✓	✓
Permits Screen Preview During Creation (The ability to “play” screens on the same platform where they are built. Let’s an administrator or user see how the screens will look without having to download them onto a player STB for review)	✓	✓
Content Update		
Supports Non-Networked Operation (The ability to update content manually [i.e., sneaker-net])	✓ ^{iv}	
Secure Network Pull (Periodically pull files from an external server)	✓	n/a ^v
Multicast File Reception (Highly efficient distribution model on networks supporting IP Multicast. Works with Closures’ provided multicast file transmitter.)	✓	n/a ^v
File Push (Embedded FTP Server offering remote file updates on demand)	✓	n/a ^v
Web Interface (Screen image and text assets that are designated as “Local Edit” can be updated via a web interface)	✓	✓

i - With an external video encoder to capture and relay an IP multicast stream. Supports both HD and SD.

ii - The A540 can stream videos from its internal 160GB hard drive

iii - The A140 can stream videos from an external share

iv - Content updated on a USB Flash Drive

v - File share content updated independently

Feature	A540 Media Player	A140 Media Player
Management		
SNMP Agent <i>(With published MIB for use by an external SNMP Manager)</i>	✓	✓
Web User Interface <i>(Configure appliance and retrieve playback logs using a common web browser)</i>	✓	✓
Remote Login <i>(Useful for engineering support and remote analysis)</i>	✓ ⁱ	✓ ⁱ
Remote Upgrade <i>(Does not require a site visit to upgrade software)</i>	✓ ⁱⁱ	✓ ⁱⁱⁱ
Network Testing Tool <i>(Useful for measuring the rate throughput and health of the network connection between the Amino box and a designated server)</i>	✓	✓

i - Support for either ssh or telnet access

ii - For all network topologies (Internet, Intranet, Multicast)

iii - For multicast networks only