

# MEDIACAST VIEWER

MODEL: DS437

MediaCAST  
by Inventive Technology

MediaCAST Viewer is a small form-factor, set-top box designed to receive media content over the IP network for display on LCDs, projectors and televisions.

## OVERVIEW.

MediaCAST Viewers deliver digital signage and automated visual communications. The high-performance ruggedized hardware supports a full spectrum of industry-standard streaming video and audio as well as other digital media formats. They support video resolutions through 1080 HD. The Viewers are industrial grade high-reliability embedded computers utilizing SSD's and a fanless design for 24 x 7 x 365 always-on applications.

Viewers have a Web-enabled interface for local control of media. A handheld remote or wireless keyboard/mouse can be used for navigation of the onscreen menu. This allows users on-demand access and supports scheduled playback through MediaCAST Kiosk Central™. This enables content to be pushed out in the form of playlists, all-call broadcasts and emergency mode messages.

Viewers can be used to accept scheduled video and audio broadcasts from MediaCAST Master Controller to classroom displays and for distance learning applications.

## SUPPORTED MEDIA FORMATS.

MediaCAST Viewers playback and decode a full-range of media formats. They are software upgradable to support new formats providing a longer usable life.

**Video-** Windows Media, Flash, Mpeg 1/2/4, H.264/AVC, QuickTime, RealNetworks, AVI, WebM (VP8)

**Audio-** Windows Media Audio, MP3, ACC, ASF, Real RA, WAV, AU, M4A, M4P

**Live video/audio-** http, mms, multicast & unicast live streaming, UDP, RTSP, RTP



**Documents-** Adobe PDF, ePub, Flash Paper, Microsoft Word, Microsoft Excel, Text docs

**Presentations-** PowerPoint, Captivate, Impatica

**Images-** JPG, GIF, TIFF, PNG and more

**Web Sites** - http, https, html

**Additional formats** – requires the particular software application to be installed on the Viewer

Viewers support output to LCDs, projectors and televisions through VGA, DVI and HDMI. The small form-factor boxes can be installed on a wall and hidden behind an LCD screen or on a shelf with a ceiling-mount projector. To automate turning on/off displays they provide control of connected displays through RS-232 and IR protocols compatible with most brands of industry-standard a/v equipment.

MediaCAST Viewers are used for digital signage in entry-ways, hall-ways, media centers, conference rooms and common areas. They can be used in classrooms and offices when a computer is not available for access to IPTV, media on-demand and to push out automated messages and announcements.



MediaCAST Viewers combined with MediaCAST Kiosk Central provides a robust, enterprise-wide, digital signage and visual communication system.

### Optional Accessories:

VIEWER-KIT (handheld remote, IR receiver, wall-mount bracket, cabling)

## SPECIFICATIONS.

### Hardware

Ruggedized steel chassis  
Intel Celeron 1037U Dual-Core 1.8 GHz CPU  
Integrated Intel HD Graphics  
Intel NM70 Express Chipset  
60GB 2.5" SATA III 6Gbps SSD  
4 GB 1333 MHz DDR3 SODIMM RAM  
Windows Embedded 7 (64-bit)  
Realtek 8111G Ethernet (Dual 10/100/1000 mbps RJ45 LAN interfaces IEEE 802.3u 100 Base-T rev 1.0)  
Realtek RTL8188CE WLAN 802.11b/g/n  
1 x RS232/RS422/RS485 COM Port  
1 x RS232 COM Port  
4 x USB 2.0  
2 x USB 3.0  
1 x DVI-I (to 1920x1080). Dual Display  
1 x HDMI (to 1920x1080). Dual Display  
Realtek ALC662 HD Audio (1/8" stereo jacks: mic in / line out)  
Kensington lock option

### Operating Temperature Range:

0 – 40 °C <sup>[1]</sup> 10 – 90% RH (non-condensing)

<sup>[1]</sup> Follow mounting Guidelines

### Dimensions/Weight

200(L) x 165(W) x 39.5(H) mm, 1.3L, 2.13 kg

### Power

AC Power adapter (brick) 65W  
Input: AC 100-240v (1.7 m AC cable)  
Output: 19v/4.47A DC (1.7 m DC cable)

### Mount

Stand (metal feet)  
Standard VESA Mounting Bracket (75 / 100 mm)

### Optional Accessories

Handheld remote or wireless keyboard  
IR receiver for handheld remote input  
Wall-mount bracket