displayMate™

Digital Signage ... In a Flash

With the displayMate, you get unattended playout of high definition video perfect for digital signage, kiosks and trade shows.

1.265 in

10 in

5.7 in

The displayMate is perfect solution for High Definition Plasma and LCD digital signage or kiosk applications. It's compact size makes it easy to conceal in the optional displayEnvelope VESA 100 or 200 mm compatible mount. The displayMate features MPEG 2 and AVC/H.264 high definition and standard definition file playback from solid state storage and IP stream decoding. Whatever your source, it automatically scales the content to match your monitors capabilities up to a stunning 1080i high definition display. The media can easily be loaded, managed and scheduled for playout using the included mediaControl software.
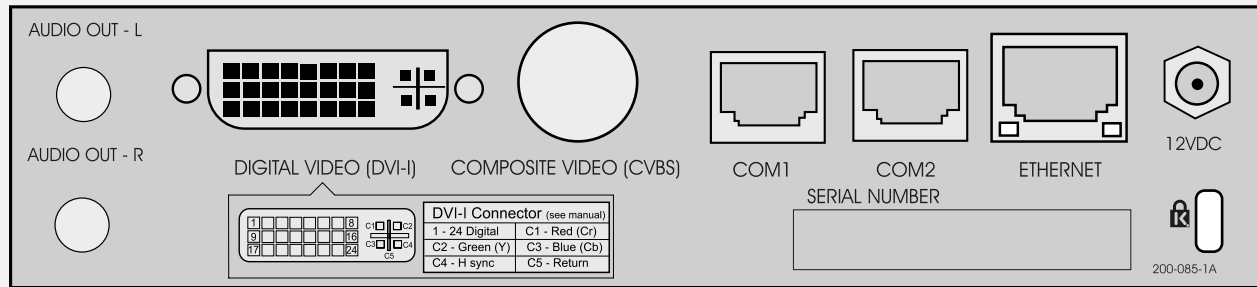
applications

● **Retail:** Impress customers with high definition (HD) retail digital signage and point of purchase advertising on Plasma and LCD monitors.

● **Trade Shows and Museums:** Get the detail you need with native HD playback or upscaled standard definition (SD) for kiosks and interactive displays.

● **Private IP Networks:** Stream live content to the displayMate over IP for point-to-point or multicast playout. Fall back to playback of stored content when live stream is off.

availability

displaymate0: digital signage player with 512 MB solid state storage.
displayMate4: digital signage player with 4GB solid state storage (3.5 usable for media).
displayMate8: digital signage player with 8GB solid state storage (7.5 usable for media).

benefits

● **Play AVC/H.264 or MPEG-2 HD:** Step up to stunning playback of high definition AVC/H.264 and MPEG-2 media.

● **Automatically Scale SD to HD:** Play both SD and HD content with the same player which automatically sizes video with advanced scalar algorithms to the desired output resolution from 480i up to full HD 1080i.

● **Control Playout:** The displayMate includes a built in command interface and scheduler that can play a list of files and loop indefinitely or be triggered from external control systems from the parallel or serial ports.

● **Tune into IPTV Networks:** Tune in and decode IP Multicast HD content with fall back playout of stored content.

● **Small Size:** displayMate is a powerful multimedia HD player packed in a small package less than 1.3" thick, perfect to attach to the back of an LCD monitor with the optional displayEnvelope VESA mount.

● **Manage Content:** The included mediaControl application lets you manage your media, play lists and schedules on the player while controlling the playout. With the abilty to view log files and real-time playout data, day-to-day operations and troublshooting is streamlined with mediaControl.

mediaControl™

AUDIO OUT - L

AUDIO OUT - R

DIGITAL VIDEO (DVI-I)   COMPOSITE VIDEO (CVBS)   COM1   COM2   ETHERNET   12VDC

SERIAL NUMBER

DVI-I Connector (see manual)	
1 - 24 Digital	C1 - Red (Cr)
C2 - Green (Y)	C3 - Blue (Cb)
C4 - H sync	C5 - Return

200-085-1A

specifications

Video
• Video Outputs: One decode configurable to DVI-I or Composite (BNC). Cable required for VGA, YUV, HDMI, RGBHV and RGB.
• Error concealment and de-blocking filter.
• Video aspect format: 4x3 or 16x9
• Back to back frame accurate playback from same output port.

Standard Definition (SD) Decode
• MPEG 1 (max 5Mbps)
• MPEG 2 SD MP@ML (max 15Mbps)
  Full D1. NTSC, PAL B, G.
• MPEG 4.2 ASP@L5, Full D1. Rectangular shape video decoding up to 1280x720p30 resolution, support for B Pictures, data partitioning and error resiliency. No global motion compensation.
• MPEG 4.10 (AVC/H.264) BP@L3, MP@L3 and L3.1 (max 5Mbps) up to 720X480 or 720X576 resolution, including FMO and ASO.

High Definition (HD) Decode
• MPEG - 2 MP@HL (max 40Mbps) up to 1920X1080i60 or 1280X720p60 resolution.
• MPEG - 4.10 (AVC/H.264) HP@L4.0 and L4.1 (max 15Mbps) up to 1920X1080i60 [1], 1920X1080i50 AVC HD or 1280X720p60, 1280X720p50 resolution.

Audio
• Audio Outputs: Analog stereo audio (L/R RCA).
• Dolby Digital AC-3: Bit rates up to 640kbps. Sample rates of 32, 44.1 and 48KHz. Downmix to 2 channel Dolby Pro Logic.
• MPEG 1 and MPEG 2 Layer I (max 448kbps) and II (max 384kbps). Sample rates of 16, 22.05, 24, 32, 44.1 and 48KHz. Single channel, dual channel, joint stereo and stereo modes.
• AAC-LC MPEG-2 and MPEG-4:(max 384kbps) Sample rates of 7.35, 8, 11.025, 12, 16, 22.05, 24, 32, 44.1 and 48KHz.

displayMate Digital Signage Player
• Solid state storage 4GB (3.5GB usable) or 8GB (7.5GB usable)
• Adtec optimized POSIX compliant embedded Linux 2.6 kernel
• Power: 12 VDC
• Kensington Security Slot (K-Slot)
• Size: 5.7" wide, 10.5" deep, 1.265" tall
• Weight: 4 lbs.
• Environmental: 0 to 120 Degrees Fahrenheit, Less than 70% RH, Non-Condensing

Communications and Control
• Ethernet 10/100 (RJ-45) Half Duplex, Full Duplex, Auto Negotiate
• Ethernet Protocols: Telnet and XCP Adtec command API, FTP, HTTP, SNMP (MIBII).
• Serial Communications: 2-RS232 (38400-115,200K, 8, 1 N)
• Embedded Automation: List, Loop, Schedule and Logging.

Front Panel
• Status LEDs Power, Video, Multicast, Link and Busy

mediaControl Application
mediaControl configuration and control application requires one of the following:

• Windows 2000 or XP or Linux computer: Intel or AMD 32 bit processor at 2 GHz; 512MB memory; 1024x768 32 Bit color capable graphics card; TCP/IP compatible computer network.

• Macintosh OS-X (10.2 or greater) computer: G4 32 bit processor at 1 GHz, G5 64 bit processor (any); 512MB memory; 1024x768 32 Bit color capable graphics card; TCP/IP compatible computer network.

what's included

• displayMate HD Digital Signage Player displayMateX (X = 0, 4, 8 based on flash size)

• 12 VDC external power supply and power cable (USA) (PN: EXTPS24WATTKIT)

• mediaControl application control & configuration software for Windows 2000/XP or Macintosh OS X (10.2 or greater).

• Connection Kit: Ethernet cable and serial 9 pin adapter (PN:TERMINALKIT2)

• Manual (CAT-019)

options

DVI-I/COMPONENT: DVI-I (analog and digital) to Component video cable.

DVI-D/DVI-D: DVI-D to DVI-D digital video cable

DVI-I/VGA: DVI-I (analog and digital) TO VGA cable

DVI/HDMI: DVI digital to HDMI cable (No audio support)

DVI-I/RGBHV: DVI-I (analog and digital) to RGBHV cable

RackShelf w/Hardware: Holds 3 displayMates, power supplies and provides cable ties slots (PN: 200-024-1AKIT)

displayEnvelope: Mounts 1 displayMate and power supply to the rear of a VESA 100 mm or 200 mm compatible display. (PN: 200-087-1AKIT)

Note: Specifications subject to change without written notice