

# Cisco Vision Series 4 Digital Media Players



Cisco® Vision Series 4 Digital Media Players are the endpoints of a fully deployed Cisco Vision Dynamic Signage solution and provide you the needed flexibility to coordinate, manage, and orchestrate the efficient delivery of customized, engaging digital content from hundreds to thousands of TV displays throughout your venue.

## Cisco Vision Dynamic Signage and the Digital Media Players

The digital media player (DMP) renders and displays static and dynamic content on each of the venue's connected displays either standalone, or part of a synchronized video wall or virtual ribbon-board. Each DMP can be powered by Power over Ethernet (PoE) and render HTML5 content in addition and in conjunction with video content.

Differences in capabilities for both software and underlying hardware make up the Cisco Vision Series 4 Digital Media Player product line. The software capabilities and support are captured in the specific Release Notes for Cisco Vision Dynamic Signage Director software releases. This document captures the hardware characteristics of the digital media players.

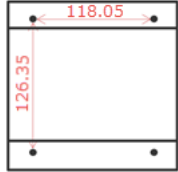
Some notable capabilities of the Cisco Vision Dynamic Signage Director product include:

- Ability to segment TV displays into groups and zones independent of physical location
- Flexible and synchronized content presentation including support for multiple transparent overlays
- Instantaneous change up of venue graphics and layout at any location to support differing events
- Automated display and advancement of content based on incoming trigger, or wall clock time
- Manual intervention and content advancement with ad-hoc ability for a celebration or emergency
- Proof of Play collection per DMP per advertising item for accurate counts of playouts
- Centralized control and software management of all multimedia endpoints (DMPs)
- Role-based access for delegation of roles and responsibilities across venue staff
- Local control designation to groups of TV displays enabling mobile application interaction

## Cisco Vision CV-HD2 Digital Media Player

For more information beyond the specifications in these tables, please see the specific Release Notes for Cisco Vision Dynamic Signage Director software releases on [cisco.com](http://cisco.com) or contact your local Cisco account manager.

**Table 1.** CV-HD2 Specifications

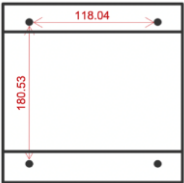
CV-HD2	Specification
Single video decoding	4K: 3840x2160@60p
Native 4K resolutions	3840x2160 & 4096x2160 @ 24/25/30/50/60p, 3840x1600 @ 60p
SD/HD resolutions	1920x1080x24/25/29.92/30/50/59.94/60p, 1920x1080x50/59.94/60i, 1600x1200x60p, 1440x1050x60/75p, 1440x900x60/75p, 1360x768x60p, 1280x1024x60/75p, 1280x960x60p, 1280x800x60/75p, 1280x768x60p, 1280x720x50/59.94/60p, 1024x768x60p, 800x600x60/75p, 720x576x50/50i, 720x480x59.94/60p/60i, 640x480x60p
Local storage	64 GB
Status LEDs	Error, Power, Busy
Accessories included	3.5 mm to male DB-9 Serial, HDMI 2.0 cable, IR Blaster cable, female-to-female Serial adapter (all cables 2 m)
Mounting	4 Built-in 4.5 mm holes - 2 front / 2 rear - Spaced in mm 
Connections	USB 2.0 High-Speed Port (Type A) External Micro SD Slot (SDHC storage up to 32 GB; SDXC storage up to 2 TB) 3.5 mm RS-232 Serial Port 3.5 mm Audio Out (analog) HDMI 2.0a Output (supports HDCP 2.2) RJ45 Ethernet 10/100/1000 with Power over Ethernet (PoE)
Power	12V / 1.5A (PoE 15W)
Dimensions	160.0 x 21.0 x 144.44 mm (6.30 x 0.83 x 5.69 in)
Weight	340.1 grams (12 oz)
Operating environment	This DMP is designed for sustained ambient temperatures between 0°C and 50°C, with transients up to 70°C (at 90% maximum relative humidity, non-condensing). Operating the players above 50°C ambient for prolonged periods may reduce the operational lifetime of the product.
Approvals	Multi-Country Power & Regulatory Approvals (see Cisco Product Approval Status tool)
Product ID	CV-HD2-DMP-K9
Optional power adapter	CV-HD2-PWR-K9
Certifications	FCC, IC, CE, CB Report, RCM Australia/NZ, KC, CCC, VCCI, EAC Russia, NOM

**IMPORTANT:** Exposing a cold player to warm air at high relative humidity may cause water to condense inside the player, leading to component failure. Damage due to such internal condensation is not covered by warranty. If a player is cold, allow several hours for it to acclimate to ambient conditions before applying power.

## Cisco Vision CV-UHD2 Digital Media Player

For more information beyond the specifications in these tables, please see the specific Release Notes for Cisco Vision Dynamic Signage Director software releases on [cisco.com](http://cisco.com) or contact your local Cisco account manager.

**Table 2.** CV-UHD2 Specifications

CV-UHD2	Specification
Dual video decoding	Dual 4K: 3840x2160@60p
Native 4K resolutions	3840x2160 & 4096x2160 @ 24/25/30/50/60p, 3840x1600 @ 60p
SD/HD resolutions	1920x1080x24/25/29.92/30/50/59.94/60p, 1920x1080x50/59.94/60i, 1600x1200x60p, 1440x1050x60/75p, 1440x900x60/75p, 1360x768x60p, 1280x1024x60/75p, 1280x960x60p, 1280x800x60/75p, 1280x768x60p, 1280x720x50 /59.94/60p, 1024x768x60p, 800x600x60/75p, 720x576x50p/50i, 720x480x59.94/60p/60i, 640x480x60p
Advanced video	Dolby Vision and HDR10+ video decoding
Local storage	128 GB
Status LEDs	Power, Busy, Error
Accessories included	3.5 mm to male DB-9 Serial, HDMI 2.0 cable, IR Blaster cable, female-to-female Serial adapter (all cables 2 m)
Mounting	4 Built-in 4.5 mm holes – 2 front / 2 rear – Spaced in mm 
Connections	<ul style="list-style-type: none"> <li>2 USB 2.0 High-Speed Ports (Type A and C)</li> <li>External Micro SD Slot (SDHC storage up to 32GB; SDXC storage up to 2 TB)</li> <li>3.5 mm RS-232 Serial Port</li> <li>3.5 mm Audio Out (Digital and Analog)</li> <li>3.5 mm IR in/out</li> <li>Phoenix GPIO Port (12-pin bi-directional)</li> <li>HDMI 2.0a Output (supports HDCP 2.2)</li> <li>HDMI 2.0a Input (supports HDCP 1.4)</li> <li>RJ45 Ethernet 10/100/1000 with PoE</li> </ul>
Power	12V / 3A (Dynamic PoE Negotiation 15/30W) PoE+ (30W) is strongly recommended When only 15W is available, the USB ports will retain I/O functionality but limit power output to 100 mA / port. Also, HDMI-In is not supported and graphics performance will be reduced.
Dimensions	179.92 x 21.0 x 204.35 mm (7.08 x 0.83 x 8.04 in)
Weight	567 grams (20 oz)
Operating environment	This DMP is designed for sustained ambient temperatures between -20°C and 50°C, with transients up to 70°C (at 90% maximum relative humidity, non-condensing). Operating the players above 50°C ambient for prolonged periods may reduce the operational lifetime of the product.
Approvals	Multi-Country Power & Regulatory Approvals (see Cisco Product Approval Status tool)
Product ID	CV-UHD2-DMP-K9
Optional power adapter	CV-UHD2-PWR-K9

## Certifications

FCC, IC, CE, CB Report, RCM Australia/NZ, KC, CCC, VCCI, EAC Russia, NOM

**IMPORTANT:** Exposing a cold player to warm air at high relative humidity may cause water to condense inside the player, leading to component failure. Damage due to such internal condensation is not covered by warranty. If a player is cold, allow several hours for it to acclimate to ambient conditions before applying power.

## For More Information

For more information about Cisco Vision Dynamic Signage and the interactivity it provides, please visit:

<https://www.cisco.com/c/en/us/products/video/stadiumvision/index.html> or contact your local account representative.

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