



# MP90 4K Pro Media Player

Commercial-Grade



## One Platform, Endless Possibilities

An Ecosystem of products specifically designed for professionals.



### Commercial-Grade

With durable construction and ultra-sleek design, CE Labs media players are perfect for any project that requires 24/7 performance.



### APPS

CE Labs' hardware platform supports hundreds of apps. With endless possibilities we have a business solution right for you.



### 3 Year Warranty

CE Labs products are built for professionals. All products come with a 3-year warranty and superior customer support.

## PRODUCT OVERVIEW

The MP90 is a professional-grade media player designed specifically for professional digital signage and interactive retail applications. Commercial-grade performance is powered by a 4K Quad Core CPU, which supports dual decoding of two H.265/H.264 4K60 videos and delivers brilliant 4K colors and ultra-crisp visuals. The MP90 is one of the most versatile digital signage media players on the market, combining commercial-grade features with unrivaled reliability.

Packed with features, the MP90 includes our most advanced I/O package with Gigabit ethernet, POE, GPIO, ATSC/QAM Tuner, RS-232, dual Wi-Fi, and 16GB internal Memory. Combined with best-in-class CMS software, the MP90 delivers rich content that engages, informs, and entertains.

## FEATURES

Customizable User experience, perfect for retail POP displays

Ultra-fast Gigabit ethernet. Dual-band Wi-Fi for superior connectivity

Full 4k Graphics for superior image clarity

# SPECIFICATIONS

MODEL: MP90

## FEATURES

- 4K UHD HDMI 2.0 Output
- OCTA Core Processor w/Dual GPU
- 3GB DDR3 RAM
- 16GB Internal Memory
- Gigabit Ethernet
- Internal Wi-Fi with Antenna
- Real Time Clock
- HTML5 Support
- HDR 10 & HLG
- CESync Software
- Stereo Audio DAC
- Commercial-Grade for Optimized 24/7 play operation
- Connect interactive devices (USB/GPIO)
- IP Streaming: play streaming media
- Live Feeds: Live data, Live Text, MRSS, Twitter, Flickr, etc.
- Mosaic Mode: multiple video zones
- Supports Custom Interactive Kiosks Applications

## VIDEO / PICTURE CODEC

- VP9 Profile-2 up to 4Kx2K@60fps
- H.265 HEVC MP-10@L5.1 up to 4Kx2K@60fps
- AVS-P16 (AVS+)/AVS-P2 up to 1080p@60fps
- H.264 AVC HP@L5.1 up to 4Kx2K@30fps
- MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496)
- WMV/VC-1 SP/MP/AP up to 1080P@60fps
- MPEG-2 MP/HL up to 1080P@60fps (ISO-13818)
- MPEG-1 MP/HL up to 1080P@60fps (ISO-11172)
- RealVideo 8/9/10 up to 1080P@60fps
- Multiple language and multiple format sub-title video support
- Image Formats: TIFF, JPEG, GIF, PNG, WEBVTT, RokuBif, WebP

## VIDEO FORMATS

- MP4 (mp4, m4a, m4v, f4v, f4a, m4b, m4r, f4b, mov)
- MOV, WMV, MKV, FLV, AVI, HDV, MXF, AVCHD, VOB
- 3GP (3gp, 3gp2, 3g2, 3gpp, 3gpp2), OGG (ogg, oga, ogv, ogx)
- MPEG-TS, MPEG-2 PS, MPEG-2 TS
- MPG, MP2, MPEG, MPE, MPV

## AUDIO FORMATS

- MP3, AAC, AC3, WMA, RM, FLAC, OGG, PCM, Atmos(passthrough)
- Programmable with 7.1/5.1 down-mixing
- SPDIF supports 192KHz 16/24/32bit stereo

## I/O PORTS

- HDMI 2.0 Output Transmitter
- Gigabit Ethernet
- Locking Coaxial Power Jack, 12Vdc
- External Micro SD Socket (SDHC or SDXC)
- SMA Jack for Wi-Fi Antenna
- TOSLINK
- USB 2.0 Type x 2
- Internal IR Receiver
- LED Indicators for Power, Status, LAN
- 8-4pin GPIO for external Push Buttons

## NETWORK

- Integrated 802.3 10/100/1000M Ethernet MAC with RGMII interface
- IP, TCP, UDP, ICMP, ARP, DHCP, HTTP, RTP, RTSP, NTP, DNS

## ACCESSORIES

- Power Adapter, 100-240Vac 50/60Hz, 12Vdc/1500mA, EL VI, UL
- IR Remote w/2 AAA Batteries
- 1 Wi-Fi Antenna
- HDMI 2.0 High Speed Cable
- Quick Start Guide

## MISCELLANEOUS

- Dimensions (H) 1.0", (W) 6.0", (D) 4.0" / 25 x 152 x 104 mm
- Weight 1.41lbs. / 0.64 kg
- Operating Temp & Humidity 0-40C, 80% Max Rel. Humidity
- Integrated Mounting Brackets
- Standard Profile Design
- Rugged (Industrial) powder coated steel Chassis

## OPTIONAL FEATURES (Add-On)

- PoE+ Module, Internal
- Tuner - ATSC 1.0 / QAM
- GPIO External Wire Harness / Illuminated Buttons
- USB Button Control Pad
- MicroSDXC Class 10 Cards (Various Capacities)

WARRANTY: \*3 year warranty, parts and labor.

Learn more about CE Labs at [www.celabs.com](http://www.celabs.com).

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