

# VP320 / VP330

## 4K audio / video player

The media player that saves your time, from integration to operation



### A Multipurpose Audio / Video Player

My Video Player broadcasts all types of resolution up to 4K HDR10. This range of players offer a wide range of features such as the autoplay, the perfect looping, the content playback synchronization, the wakeup and the standby of video projectors.

Thanks to the HTML5 / JavaScript engine, enrich your video content with dynamic graphical interfaces.

The players provide line-level, speakers and headphone audio outputs suitable for all types of installations.

### Many Triggering and Scenario Possibilities

The screenplay is carried out thanks to numerous interfaces: autoplay, input and output contacts, multi-touch screen, TCP/IP or HTTP commands, serial link, time programming.

### Many Triggering and Scenario Possibilities

The screenplay is carried out thanks to numerous interfaces: autoplay, input and output contacts, multi-touch screen, TCP/IP or HTTP commands, serial link, time programming

Go even further by developing your HTML applications with the player control JavaScript API. And build easily user interfaces for the audiences.

### Reliable and Easy-to-Install

Integration time is reduced: the range of My Video Player is rack mountable and wired with pluggable terminal blocks. The direct access to the content makes updates fast and intuitive.

My Video Player products are designed for 24/7 operation.



waves system

### USE CASES

#### Museums:

Broadcasting on screen and video projector, interactive installations.

#### Retail:

Information terminals, digital signage.

#### Public places:

Kiosks and visitor reception terminals.

#### Theme parks, attractions, escape games:

Visual effect generators.

My Video Player	VP320	VP330
Input contact	1	8 + 1
Output contact	-	8
RS-232	-	✓



# VP320 / VP330



## Interfacing and connectivity

- Status LED
- Clickable knob (volume)
- Infrared sensor
- 2 USB host 2.0 «High Speed» (480 Mb/s), type-A, compatible:
- USB Mass Storage
- USB HID mouse, keyboard and multi-touch screen
- USB Audio Class 2.0\* (\*Qualified with Scarlett USB interfaces from Focusrite)
- MicroSD card slot
- 10/100 Mbps ethernet, RJ45 connector
- HDMI audio/video output, type-A (HDMI 2.0b, HDR10, CEC)
- Unbalanced line-level stereo audio output on standard RCA connectors
- Headphone stereo audio output on standard 3.5 mm (TRS) jack
- Class D amplified speaker stereo audio output-pluggable terminal blocks
- External DC power supply chassis socket ( $\varnothing$  2,1 / 5,5 mm)
- On pluggable terminal block:
  - 1 standalone configurable opto-isolated input contact
  - 1 power supply output
- **VP330 only - On pluggable terminal blocks:**
  - 8 combined configurable opto-isolated input contacts
  - 8 MOSFET output (500 mA per output, max 20 V)
  - RS-232 serial link (from 1200 up to 115200 bauds)
  - 4 additional power supply outputs dispatched
  - 5 V DC (500 mA) output

## Video outputs formats

- 4K Ultra HD (3840  $\times$  2160), 24/25/30/50/60 Hz
- 1080p (1920  $\times$  1080), 24/50/60 Hz
- 1080i (1920  $\times$  1080), 50/60 Hz
- 720p (1280  $\times$  720), 50/60 Hz
- 576p et 576i (720  $\times$  576), 50 Hz
- 480p et 480i (720  $\times$  480), 60 Hz
- Main progressive scan VESA resolutions up to 2560  $\times$  1600, 60 Hz
- Dynamic range: HDR10 compatible

## Multimedia container

- **Video**: .mp4 / .mkv / .mov
- **Image**: .jpg or .jpeg / .png / .bmp
- **Audio**: .wav / .mp3 / .m4a / .ogg / .mka
- **Subtitles**: .srt / .ssa / .ass / .vtt / .ttml / .dfxp

## Codecs

- **Video**:
  - H.265 HEVC MP-10@L5.1 up to 4K $\times$ 2K@60fps
  - VP9 Profile-2 up to 4K $\times$ 2K@60fps
  - H.264 AVC HP@L5.1 up to 1080p@60fps and 4K $\times$ 2K@30fps
- **Picture**:
  - JPEG / PNG / BMP
- **Audio**:
  - LPCM / MP3 / AAC-LC / HE-AAC-LC / Vorbis / Opus / FLAC / AC3 Dolby Digital: up to 8 channels, 24-bits, and 96kHz
  - DTS / AC3 Dolby Digital / E-AC3 Dolby Digital+: passthrough HDMI
- **Subtitles**:
  - TXT / XML

## Embedded web browser

- Based on Chromium v92.0.4515.159
- JavaScript API to control the player
- Web page resolution: 1920x1080

## VP320 / VP330

---

### Storage devices

- File systems supported: FAT32 / exFAT / NTFS / ext2/3/4
- USB flash drives and microSD/microSDHC/microSDXC cards
- Internal storage: 4 Go

---

### Network

- Embedded web server :
  - Serve HTML5/JavaScript pages
  - Remote administration: configure, control, update and maintenance
  - Control the player through a REST API
- Wavespark cloud service: configure, control, update and maintenance
- Embedded PJLink server to turn on and turn off a video projector
- Embedded FTP server for remote content update
- Embedded TCP/IP server for player control
- Embedded NTP client to synchronize the clock
- IPv4 and IPv6 / IPv4: static or DHCP address
- Embedded mDNS identification service (Zeroconf)
- Multicast «Start Synchro» facilities over UDP

---

### Audio amplifiers

- Speaker output :
  - 2 × 8 W - 8 Ω, THD+N = 1 %, 1 kHz
  - 2 × 10 W - 8 Ω, THD+N = 10 %, 1 kHz
  - 2 × 15 W - 4 Ω, THD+N = 1 %, 1 kHz
  - 2 × 19 W - 4 Ω, THD+N = 10 %, 1 kHz

---

### Miscellaneous

- Power supply: 12 V DC
- Timekeeping when the player is not powered: up to 2 months
- Watchdog to automatically restart on system failure
- Operating temperature / storage: 0 to +60°C / -20 to +60°C
- Width: 140 mm - 1/3 of a 19-inch rack - Height: 43 mm - 1U
- Depth (with the pluggable terminal blocks): 136 mm
- Weight: 365 g (VP320) / 462 g (VP330)

---