

BRZ2-301

Featuring 4K HDMI Output
With 1080P Picture-in-Picture HDMI Input



The BREEZE Digital Signage™ “301” media player for Android™ is a revolutionary way to deliver dynamic sign messages using the most efficient IT methods available. Simply login to the handy Internet editor and control Ultra-HD 4K digital signage from anywhere, anytime. Insert Full-HD (1080P) as a PiP for the best viewing experience possible. No special software to buy. Instead, the Breeze Digital Signage media player uses HTML5-powered software for rock-solid playback reliability and security. Breeze Digital Signage provides an impactful user experience that is logical, interactive and intuitive, bar none.



HDMI 1080P Input

Experience amazing visual performance with FULL-HD input processing from external media source.



Picture-in-Picture Input (PiP)

Dual decoding of 2 videos simultaneously for stunning PiP visual experience via HDMI Input.



HDCP Support

Supports HDCP which allows playback of encrypted video when connected to HDCP-capable displays.



Android Developers



4K Output | HDMI 2.0 Certified

Uncompromised, superior picture resolution based on the Ultra-HD standard of 3840 x 2160 @ 60fps.



BLE Beacon

Location positioning to target audiences with contextual messages or advertisements to their smart devices.



External RS-232 Port

Enables remote communication with peripheral devices.



RTSP & HTTP Streaming

Playback of reliable real-time streams or streams from a robust web-based media platform.



Schedule On/Off

Efficiently manage devices with configurable system On/Off.



Ethernet

HDMI
Out

HDMI
In

Micro SD

DC In

ABD

USB

USB







FEATURES

- Supports Picture-in-Picture (PiP) with @30fps video decoding
- Language Support: HTML5 / JavaScript / CSS / W3C SMIL
- W3C Widget Support
- Autorun APK Setting
- Remote APK Update
- Remote Firmware Update
- Schedule On/Off Setting
- System Fail-Safe, Auto Recovery
- Built-In Security: Administrator Password Protected, SSL/TLS, IEEE 802.1X
- Chassis Lock

HARDWARE

Operating System	Android 5.1
HDMI Output Res:	To 3840x2160 @60fps
HDMI Input Res:	To 1920x1080 @30fps
Color Space	RGB 4:4:4 YCbCr 4:4:4 YCbCr 4:2:2
CPU	ARM Quad 1.8Ghz
GPU	Mali-T764
Memory	2GB DDR3
Storage	16GB eMMC 5.1
Video Codecs	H.264 (4K @30fps) H.265 (4K @60fps) MPEG-4
Image Format	JPEG / PNG
Audio Format	MP3
Beacon (BLE)	Supported
RTC	Supported

IO INTERFACE

Ethernet	1x RJ45 (GigaLAN)
WLAN	802.11 b/g/n (2dB ant.)
HDMI Out	1 x HDMI 2.0 with CEC
HDMI In	1 x HDMI 1.4b with HDCP
USB2.0	2 x USB2.0
USB Micro	1x Micro USB OTG
3.5mm Audio	1x 2-in-1 (Speaker/Mic)
Digital Stereo	1x S/PDIF
COM Port	1 x RS-232 port (Male)
Expansion Storage:	1 x Micro SDHC Slot

MECHANICAL & ENVIRONMENT

Dimension (WxDxH)	6.49" x 4.66" x 1.06" (165x118x27mm)
Weight	0.91 lbs. (415g)
Mounting	Built-In Wall Mount
Operating Temp:	-4 ~ 158°F
Storage Temperature:	-40 ~ 176°F
Humidity:	5 to 90% (non-condensing)
Power	DC 12V, 1.5 ^a
Certification	CE / FCC
Warranty	Based on Service Level Agreement (SLA)

