

BHARAT SIGNAGE

W2 Smart Amlogic S905W2 Digital Signage Box

The Power of Digital Signage: Digital signage transforms how businesses communicate by replacing static posters with dynamic, vibrant multimedia content. Whether in retail, corporate environments, hospitality, or public spaces, a robust digital signage solution captures audience attention, delivers real-time updates, and drastically improves customer engagement and brand visibility.

About Amlogic S905W2 Technology

The **Bharat Signage W2** is powered by the cutting-edge Amlogic S905W2 chipset. Built specifically for high-efficiency media playback, the S905W2 features a Quad-Core ARM® Cortex™-A35 processor. This advanced architecture offers high performance with exceptionally low power consumption, making it ideal for 24/7 digital signage operation.

Crucially, the S905W2 includes hardware decoding for **AV1**, the latest and most efficient video codec. AV1 delivers stunning 4K visuals while consuming up to 30% less bandwidth than H.265/HEVC, ensuring smooth playback of high-resolution cloud content even on restricted network speeds. Coupled with the ARM Mali-G31 MP2 GPU, the W2 Box delivers crisp, tear-free graphics and animations.

Included Software: Bharat Signage Cloud

This device comes pre-configured with **Bharat Signage Cloud Software (1 Year Validity Included)**. Our enterprise-grade software eliminates the hassle of managing individual screens, allowing you to control your entire network remotely.

- **Remote Management:** Update content, monitor screen status, and reboot devices from anywhere in the world.
- **Dynamic Scheduling:** Plan your campaigns in advance. Schedule specific videos or images to play at distinct times of the day or week.
- **Multi-Zone Displays:** Split your screen to show a video, weather feed, and ticker text simultaneously.
- **Plug-and-Play Setup:** Once connected to the internet, the box automatically syncs with your Bharat Signage Cloud account and begins playing scheduled media.

Hardware Specifications

Feature	Specification
CPU	Amlogic S905W2 Quad Core, ARM® Cortex™-A35
GPU	ARM Mali-G31 MP2
RAM	2GB / 4GB DDR3/LPDDR4
ROM	16GB / 32GB / 64GB eMMC
Operating System	Android 11.0
Connectivity	Built-in Wifi (802.11 a/b/g/n/ac; 2.4G/5G), Bluetooth 5.0, RJ45 Ethernet port
USB Host	2 High speed USB 2.0 (Supports U DISK and USB HDD)
Media Expansion	TF Card reader
AV Port & SPDIF	AV (3 in 1) port, Coaxial (Optical) SPDIF
Power	DC 5V/2A (Power Indicator: Blue when On)

Video and Picture Decoding Formats

Equipped with a dedicated Video Engine (AVE), the W2 supports multiple secured video decoding sessions, simultaneous decoding and encoding, and multi-video decoding up to 4x1080P@60fps.

Format Standard	Maximum Resolution & Framerate
AV1 MP-10@L5.1	Up to 4Kx2K @ 60fps
VP9 Profile-2	Up to 4Kx2K @ 60fps
AVS2-P2 Profile	Up to 4Kx2K @ 60fps
H.264 AVC HP@L5.1	Up to 4Kx2K @ 30fps
MPEG-4 ASP@L5 (ISO-14496)	Up to 1080P @ 60fps
WMV/VC-1 SP/MP/AP	Up to 1080P @ 60fps
AVS-P16(AVS+) / AVS-P2 JiZhun	Up to 1080P @ 60fps
MPEG-2 MP/HL (ISO-13818)	Up to 1080P @ 60fps
MPEG-1 MP/HL (ISO-11172)	Up to 1080P @ 60fps

Supported File Formats: *.mkv, *.wmv, *.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, and *.jpg

Additional Features: MJPEG/JPEG unlimited pixel resolution decoding (ISO/IEC-10918), JPEG thumbnail, scaling, rotation, transition effects, multiple language and format subtitle support, and DLNA files sharing (Supports 24 languages including English, French, German, Spanish, Italian, Russian, Portuguese).

Packaging & Dimensions

Item	Details
Package Contents	TV Box Device, Power Adapter, HDMI Cable, IR Remote Control, User Manual
Product Size & Weight	105 x 105 x 20mm 130g (Net)
Package Size & Weight	L172 x W108 x H70mm 350g (Gross)
Carton Volume & Size	30 sets / carton L385 x W365 x H350mm
Carton Weight	11.15 kg