

ARVIA

4K UHD Media player

ARV S9x

4K ULTIMATE EVOLUTION



High End 4K HDR Experience

ARV S9x is a 4K UHD media player with powerful graphics engine for home theater. Compared with last generation, it has significant improvement in audio and video decoding especially the support for HDR 10+ and Dolby vision, which has filled up the vacancy of the market. Meanwhile, it is still a cost-effective and high-performance model

Powerful Chipset

ARV S9x is equipped with RTD1619DR hexa-core 64-bit high-performance CPU, which has faster response speed and more efficient computing capability. Strong decoding performance supports accurate UHD decoding and excellent image quality output

WE LEAD, THEY FOLLOW





RTD1619DR

Hexa-core A55, 64-bit bandwidth



50%
Performance increase



RTD1296DD

Quad-core A53, 64-bit bandwidth



30% performance increase



RTD1295DD

Quad-core A55, 32-bit bandwidth



High End 4K HDR Experience

ARV 59x is a 4K UHD media player with powerful graphics engine for home theater. Compared with last generation, it has significant improvement in audio and video decoding especially the support for HDR 10+ and Dolby vision, which has filled up the vacancy of the market. Meanwhile, it is still a cost-effective and high-performance model



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2G+16G

Large Memory and Internal Storage

2GB DDR4 large memory comes with fast and smooth playback response, which helps enjoying wonderful movie and music. 16GB eMMC super internal storage supports installing masses of favorite apps and create more possibilities for audio-visual entertainment



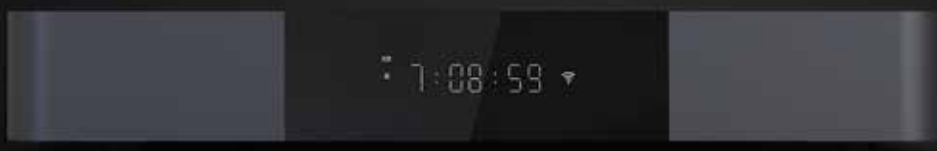
WiFi and Bluetooth

ARV 59x has a built-in 2.4G+5G dual-band 2R2T MIMO WIFI module, the wireless transmission rate is up to 867Mbps. And ARV 59x has high-gain antennas. It can avoid interference and maintain a stable and high-speed connection even in the harsh network environment

Equipped with Bluetooth BT 4.2 module, ARV 59x supports connecting with Bluetooth remote control, Bluetooth mouse, Bluetooth speaker and Bluetooth headphone etc.

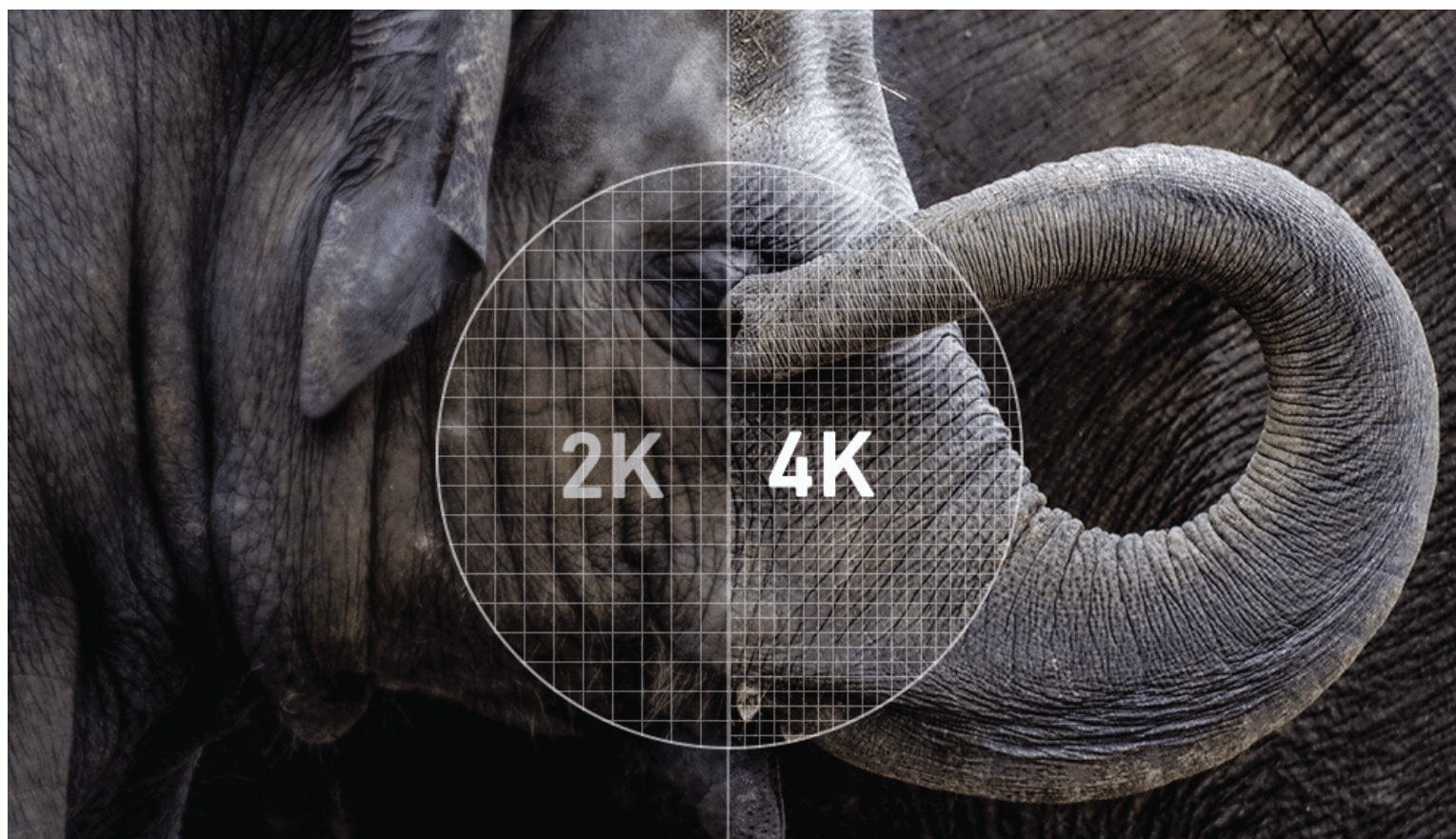
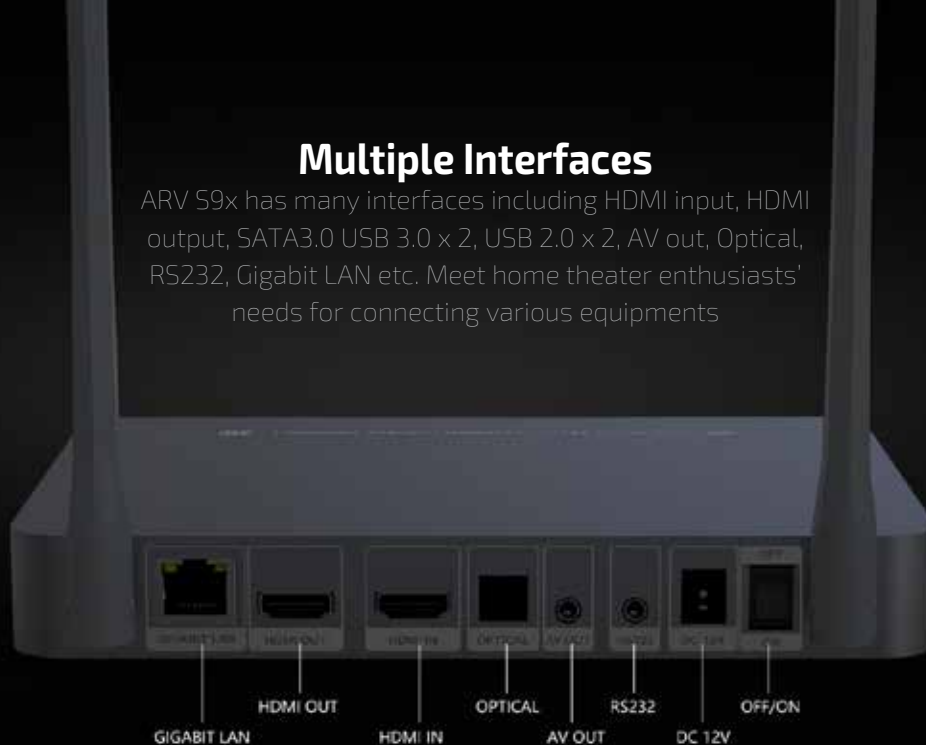
Chassis Material and Workmanship

The chassis is all made of metal, which is exquisite and durable
The gray surface has a nice feel with sandblasting and oxidation workmanship



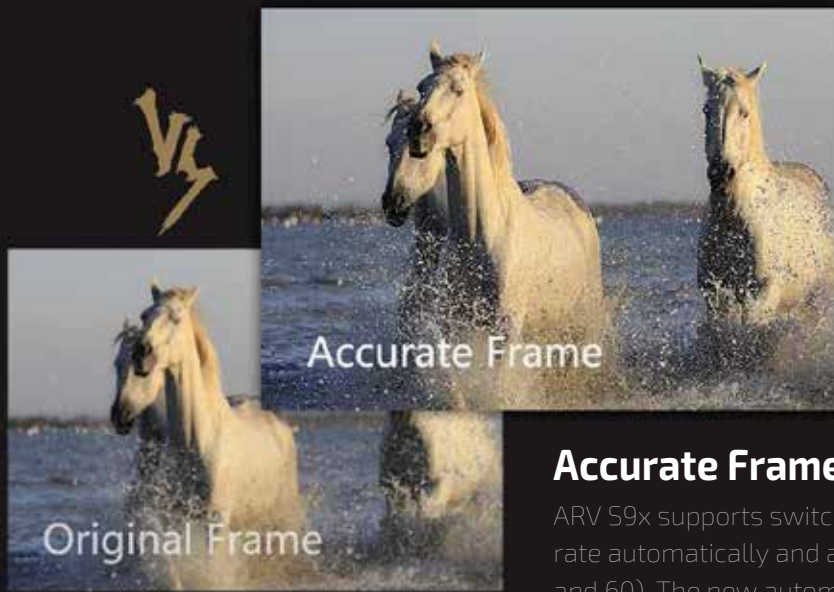
Multiple Interfaces

ARV S9x has many interfaces including HDMI input, HDMI output, SATA3.0 USB 3.0 x 2, USB 2.0 x 2, AV out, Optical, RS232, Gigabit LAN etc. Meet home theater enthusiasts' needs for connecting various equipments



4K UHD Image Quality

ARV S9x image engine can easily decode 4K HDR images which encoded with HEVC/H.265
Support 3840 x 2160 60Hz output, each pixel is natural and full
Images are clear and vivid even in a large screen



Accurate Frame Rate Switching

ARV 59x supports switching original resolution and frame rate automatically and accurately (23.976, 59.94, 25, 30, 50 and 60). The new automatic switching algorithm allows completing the film frame rate switching in advance to ensure smooth and integral film playback

Stunning HDR Technology

New HDR processing engine can deal with HDR10 static metadata (MaxFall, MaxCLL) more accurately. Color contrast is stark, both highlights and shadows can be displayed perfectly, which could display images like real scene

Meanwhile, ARV 59x provides HDR to SDR algorithm, it helps displaying HDR movies very well on SDR devices through dynamic correction and color reproduction



SDR brightness range: 0.1nits - 100nits



HDR10 brightness range: 0.005nits - 1000nits

Higher Level HDR10+

ARV 59x takes the lead in adding HDR10+ and Dolby Vision technology. HDR10+ technology could not only display peak brightness up to 4000 nits, but also process metadata accurately for each frame. Namely, colors and brightness levels are obtained frame by frame and scene by scene, images could be displayed in details with wide dynamic contrast and richer colors



Dolby Vision VS10 Technology

ARV S9x integrates Dolby Vision VS10 image engine, which supports Dolby Vision low latency (LLDV) output. Dolby Vision has adopted advanced dynamic metadata processing technology, so that the most suitable brightness could be output for images and scenes of each frame. Shadows are darker while highlights are brighter. Even in the dark and weak-light environment, it could also display the best visual effect

Meanwhile, VS10 is a powerful engine, no matter what formats (Dolby Vision, HDR,HLG,SDR etc.) or displaying devices, whether HDR outputting or SDR converting, all could keep color accuracy and bring good experience to customers. Even normal TV could experience Dolby Vision technology



* DOLBY VISION brightness range: 0.007nits - 10000nits

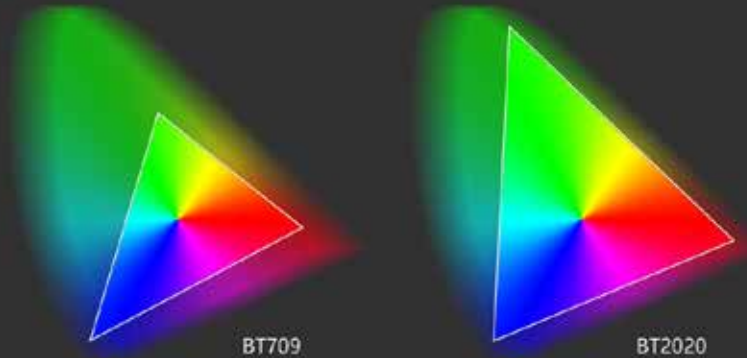


12Bit Color Depth

ARV S9x new image engine not only supports 10 Bit (approximately 1.07 billion colors) decoding and outputting at the resolution of 4K 60Hz, but also supports higher color depth 12 bit (approximately 68 billion colors); 12 bit has vibrant colors and natural color transition

Wider Color Range

ARV S9x supports BT.2020 wide color range which could display 75% nature colors and closer to what human eyes could see, while traditional BT.709 could only display 35% nature colors. It has bright and eye-catching colors, rich and full images, and a better sense of space, three dimension and layering



Android 9.0

Based on deep development of Android 9.0, the system performance of ARV S9x has greatly improved with better stability and compatibility. Masses of apps could be installed. DRM widevine L1 is also supported





Cool movie trailer



Batch movies processing



Custom category and sorting



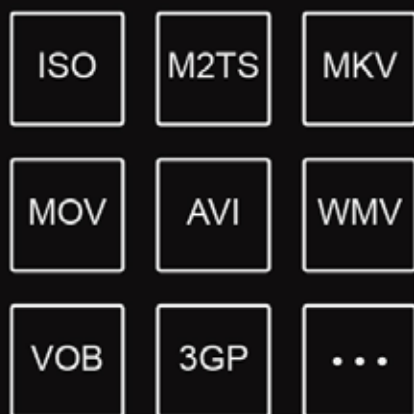
Collection creation and organization

Cool Poster Wall

ARV S9x comes with new movie posters management system

It has concise navigation, personalized category, record viewing and custom collection etc.

It makes movie collection more convenient and fully improves the efficiency of mass movies management



Video Formats and Extensible Storage

ARV S9x has built in a powerful player, supporting BD/UHD Blu-ray (BDMV/ISO), 3DMVC (Blu-ray, MKV), MKV, M2TS, MTS, TS, MP4, MOV, AVI, WMV, MPG, MPEG, VOB, FLV, 3GP, TP etc. What's more, it could connect with drives and hard disks (up to 14TB). NFS and SMB serves could be read in the same LAN

Smooth Blu-ray Seamless Branching Playback

ARV S9x optimizes the video playback engine, which improves the Blu-ray seamless branching playback and says goodbye to stuttering and messy playback issues. BD and UHD Blu-ray navigation are played just like enjoying movies in a cinema



Powerful Subtitle Features

ARV S9x can automatically search and match subtitles for movies on the Internet. PGS,ASS, SSA, SUP, SUB and SRT subtitle formats are supported. Subtitle font, color, special effect, location could be customized. MKV and Blu-ray forced subtitles are also supported



DSD APE FLAC WAV CUE



Lossless Music Playback

Support master-level DSD (SACD ISO,DFF,DSF,DSD etc.), regular lossless formats (FLAC, WAV, APE, DTS etc.), CUE track and CD-ROM playback (CD-ROM is not included)

Music Library Management

Music resources from network drives and local hard drives could be added and managed to generate exclusive music library. Music could be collected and managed in a brand-new way



Roon Ready



Spotify



DLNA

Music Streaming

ARV S9x is perfectly compatible with Roon Ready and Spotify
Support network streaming like high-end music streamer

SPECIFICATION

Model	ARV S9x
Shell Material	Aluminum alloy
Front Display	LED
OS	Android 9.0
CPU	Realtek RTD1619DR ARM Cortex-A55 Hexa-core
GPU	ARM Mali-G51 MP3
RAM	2GB DDR4
Internal Storage	16GB eMMC
Bluetooth	BT 4.2
Wifi Connectivity	2.4G+5G dual-band WiFi, 802.11 a/b/g/n/AC 2R2T MIMO 867Mbps
Ethernet	RJ-45 Ethernet jack(10/100/1000Mbps) * 1
HDMI Output	HDMI 2.0a, support up to 4K@60p, HDR, 12Bit, YCbCr 4:4:4 color range, support audio passthrough
HDMI Input	HDMI 2.0, support 4K@60p, 48khz PCM audio
Video Decode	4K@60p HEVC/H.265 12 Bit HDR10, HDR10+, Dolby vision
Audio Decode	Support HD audio passthrough and decode 2 channels
Intelligent Control	APP control, HTTP control
Power Supply	DC 12V 2A
SATA	SATA 3.0 * 1
USB	USB 3.0 * 2 USB 2.0 * 2
Other Interfaces	3.5mm AV output * 1 SPDIF optical output (5.1CH) * 1 3.5mm RS232 * 1 high-gain antenna * 2
Accessories	Remote control * 1 Power adapter * 1 SATA cable * 1 User manual * 1



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