

PLAYROOM

PRMSTB-102 Android TV IPTV SET TOP BOX



androidtv Ultra HD IPTV / OTT Set Top Box



Smarter. Faster. Better. Live.

PRMSTB-102 is next generation TV box powered by the Android 11.0 and targeted for future proof IPTV and OTT deployments.

With this powerful GPU architecture, it supports the latest HDR10 technologies and decoding with 4k @ 60fps 10bit HEVC (H.265) hardware. Compare to H.265 hardware with H.264, the data compression rate of H.265 is double at the same level of video quality. In other words, it can alternatively be used to provide substantially improved video quality at the same bit rate.

Thus, it provides the opportunity to play HDR TV and 4K Ultra HD videos with HDR, and giving more realistic colors and vibrant images.

Most popular applications for Entertainment

With the API provided by PRMSTB-102, you have dramatically control over the Media, Device and Android platform. All of famous applications such as **Youtube, Netflix, Prime Video, Disney+, Spotify, Shahid, Exxen, Blutv** selected games and more are now supported with higher resolution.

You can browse the web and play fun games with the Google Assistant Voice Command-enabled remote control.

Google Approved androidtv Certificate

PRMSTB-102 Android TV Set Top Box is Google approved.

You can install all licensed applications in the Google Play Store.

The device certification status is included in the settings.

Youtube, Netflix, Prime Video, Disney+ applications are suitable for licensed use on **Hospitality projects**.


4K Chromecast Built-in*

1,000+ Chromecast-enabled apps

More than 200,000 TV shows and movies

More than 30,000,000 songs

Chromecast technology comes built-in with PRMSTB-102. Use your mobile device to enjoy watching your favorite shows, movies, music, games and more on the big screen.

After connecting your mobile device to the same network with PRMSTB-102, the  (cast) icon in thousands of applications such as Chromecast built-in supported Netflix, Youtube, Prime Video, Blutv is selected and your screen sharing takes place.

**Requires PRMCLN-160 License*



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Special and Enhanced Performance

PRMSTB-102 is designed to fulfill current market needs.

PRMSTB-102 can be used by optimizing ES5, ES6, CSS, CSS3 and HTML5 features, as well as develop fully customized and high performance applications with the WebKit core that support up-to-date web technologies.

PRMSTB-102's Ethernet interface provides more stable local network connection.

Extended Memory

eMMC memory makes users enjoy faster read & write speed. The utilization of eMMC memory offers security and reliability. 2GB DDR4 RAM can run games or applications smoothly and resulting in a rich end-user experience.

Bluetooth 5.0

You can connect your Bluetooth headset, speaker and game controller device to your screen by putting STB in pairing mode.

Bluetooth and IR Remote Control



Features

Compatible with comprehensive content including Netflix, Prime Video, Disney+, YouTube, Shadid.

Get all the top apps and games on Google Play.

Voice search and navigation via Google Assistant.

Easily cast your favorite movies, music, and more to TV with Chromecast built-in.

Connect Bluetooth headset, speaker and game controller device to your screen by putting STB in pairing mode.

Bluetooth remote control works at any angle.

Perfectly key designed for single hand operation comfortable to the touch and convenient to control from 10m away. While browsing the web on your smart TV, you can choose from a wide range of multimedia shortcut buttons such as Page Up, Page down and volume controls.

Playroom Remote Control has the ability to be programmed from the Settings section of the TV. In this way, the on-off command, volume adjustment and source button can be used actively without the need for a TV remote control.

Shortcut button is available for Youtube, Netflix, Prime Video, Disney+

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Technical Data

Basic Parameters

SoC	Amlogic S905Y4-B
CPU	ARM Quad 64-bit Cortex-A35
DRAM DDR4 2GB	DDR4 2GB
Flash	eMMC 8GB
Graphics	ARM Mali-G31 MP2 GPU OpenGL ES3.2,Vulkan1.1 and OpenCL2.0
HDR	HDR 10, HLG, HDR10+,
OS	Android™ 11
Resolution	Up to 4Kp60

Network

Ethernet	RJ45 Interface 10M/100M adaptive
Wi-Fi	2 x 2 MIMO Wi-Fi 2.4GHz/5GHz 802.11a/b/g/n/ac
Bluetooth	5.0

Codecs

Video Codes	<ul style="list-style-type: none">•AV1 MP-10@L5.1 up to 4K*2K@60fps•VP9 Profile-2 up to 4K*2K@60fps•H.265/HEVC MP-10@L5.1 up to 4K*2K@60fps•H.264/AVC HP@L5.1 up to 4K*2K@30fps•MPEG-2 MP/HL up to 1080P@60fps
Audio Codes	<ul style="list-style-type: none">•AAC-LC & AAC-HE•MPEG-1 Layers 1, 2, 3•Dolby Audio and Dolby Digital Plus
Container	*.mkv, *.mpg, *.mpeg, *.dat, *.avi, *.mov,*.mp3 and *.ogg

Physical Characteristics

Power Supply	External 12.0V/1.0 A
Power Consumption	12W Max
Operating Temperature	0°C to 40°C
Operating Humidity	5%~85% Non-condensing
Size (W*D*H)	110mm x 110mm x 26mm

Technical Data

Interface

Digital Video	HDMI 2.1 with HDCP
Digital Audio	S/P DIF
Micro SD	AV Port
Network	RJ45 LAN
Peripheral Interface	2 x USB2.0
Power Interface	DC in
Other	IR Receiver, Power Indicator, Reset

Package Contents

Power Adapter	1 x Power Adaptor
HDMI	1 x HDMI 2.0 Cable
User Manual	1 x Quick Guide
Device	1 x STB Device
Remote Control	1 x Bluetooth and IR Remote Control