

PRODUCT MODEL NUMBER: TL- 4KBR

ANDROID TV 4K HD SET TOP BOX



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PRODUCT OVERVIEW

TL- 4KBR: - 4K Ultra HD Android TV STB is a Google authorized and Netflix certified turnkey OTT solution for operators. It is a hybrid box that allows users to enjoy both linear TV and streaming apps.

Upgrade traditional set-top boxes and turn any TV or monitor into a smart Android TV – just plug it in to the TV or monitor’s HDMI port. Powered by Android 11 OS and Amlogic S905x4 Chipset, consumers can now access enhanced content through this smart device.



ATV Bridge is a cloud-based service management tool that helps operators to configure and manage all devices from a single pane of glass. Remote management helps to streamline customer support, thereby reducing truck rolls.



Amlogic S905x4



eMMC 8GB Flash



2GB LPDDR4



AV1



4K



Bluetooth 5.0



HDMI 2.1



Wi-Fi 5

KEY FEATURES

➤ Android TV Box with a Modern User Interface

- 🔥 Take TV viewing experience to the next level. Users can now access both linear TV channels and stream live or on-demand content on the apps through a modern user interface, without having to switch between sources.

➤ Android 11 OS

- 🔥 Powered by Android 11 OS, this superior functionality raises the bar of performance and usability with a lag-free interface. Perfect for home entertainment, home theaters, businesses, hotels, etc. 8GB storage, expandable via USB flash/Hard drive, 2GB RAM.

➤ Operator Friendly Android TV

- 🔥 Provides operators the capability to centralize device management, thereby reducing truck rolls. Operators can also increase user engagement and streamline customer support by delivering both linear and streaming content, thereby maximizing the value of existing capital.

➤ Chromecast built-in

- 🔥 Cast all your favorite entertainment shows, apps, quickly stream photos, videos, music and all the content you want from your phone, tablet, or laptop directly to your Android TV.

➤ Google Assistant Built-in

- 🔥 With “Hey Google” voice commands via the remote control, ask your TV to play music, check for weather updates, listen to the latest news, check your calendar, manage tasks, etc. Also, ask your TV to dim the lights, control the air conditioner temperature and much more, by connecting to smart home devices.

➤ High Clarity 4K HDR

- 🔥 Supports 4K Ultra HD resolution and High Dynamic Range (HDR) delivering a more realistic image with finer details and superior color accuracy.

➤ Access Tons of Content

- 🔥 Access 3000+ applications, enjoy movies and favorite TV shows, download apps and games via the Google Play Store. Netflix, Amazon Prime Video, YouTube pre-installed with mapped buttons on the remote for easy access.



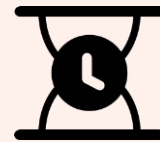
Combine delivery of Linear & Streaming content



Optimal Performance in line with Industry Standards



Stream Content through a Modern User Interface



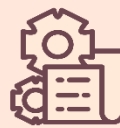
Reduce CSR time spent on support calls



Reduce Truck Rolls with proactive problem solution

- Device Certification
- Device Detection
- Grouping

TMS
Terminal Management System



ATV Bridge Platform

IoT
Internet of Things Service



BDC
Big Data Center



- Device Control Service
- Device Report Service
- Remote Diagnostics Basic Service
- Push Message Service

- Device Status
- CPU Utilization & Temperature
- Wi-Fi & Bluetooth Signal Strength
- Logs



Cloud-based Service Management Tool

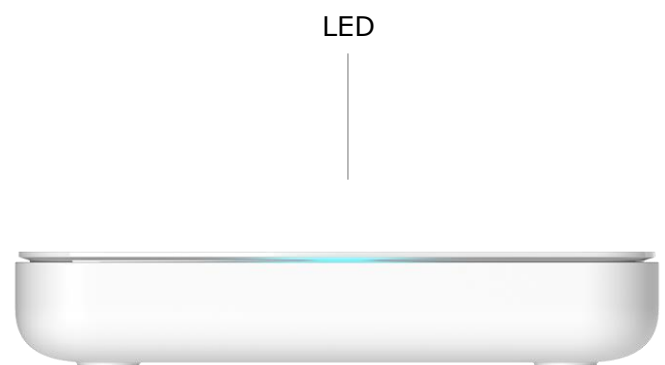


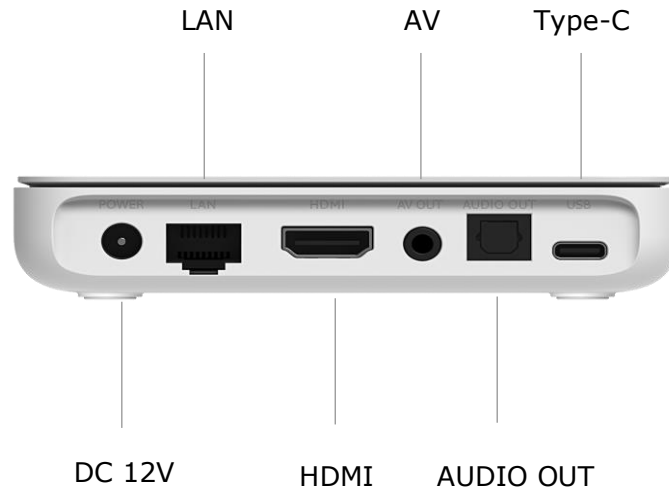
SPECIFICATIONS

Hardware Platform	
CPU Chipset	Amlogic S905x4
DMIPS	24K DMIPS
GPU	ARM Mali-G31 MP2
RAM	2GB LPDDR4
Flash	eMMC 8GB
Network	
Wi-Fi	802.11 b/g/n/ac 2.4G/5G Wi-Fi 5
Ethernet	100Mbps
Bluetooth	Bluetooth 5.0
DRM	
Widevine Level	Supported, Level 1
PlayReady	Supported, SL3000
Video	
Video Decoding	AV1 MP-10@L5.1 up to 4Kx2K@60fps VP9 Profile-2 up to 4Kx2K@60fps H.265 HEVC MP-10@L5.1 up to 4Kx2K@60fps AVS2-P2 Profile up to 4Kx2K@60fps H.264 AVC HP@L5.1 up to 4Kx2K@30fps H.264 MVC up to 1080P@60fps MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496) WMV/VC-1 SP/MP/AP up to 1080P@60fps MPEG-2 MP/HL up to 1080P@60fps (ISO-13818) MPEG-1 MP/HL up to 1080P@60fps (ISO-11172) RealVideo 8/9/10 up to 1080P@60fps
Video File Format	Supports *.mkv, *.wmv, *.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm *.jpg, *.bmp, *.gif, etc.
Video Resolution	480i/p, 576i/p, 720p, 1080i/p and 4Kx2K
Video Output	HDMI 2.1, HDCP2.2
Audio	
Audio Decoding	Supports MP3, AAC, WMA, RM, FLAC, Ogg and programmable with 7.1/5.1 down-mixing
Audio Mode	Mono/Stereo/Left/Right
Dolby Digital Plus	Supported
Interface	
LED indicator light	Supported
IR Control	Supported
Micro SD	Supported
USB Port	Supported, 1*USB 2.0, 1*USB 3.0

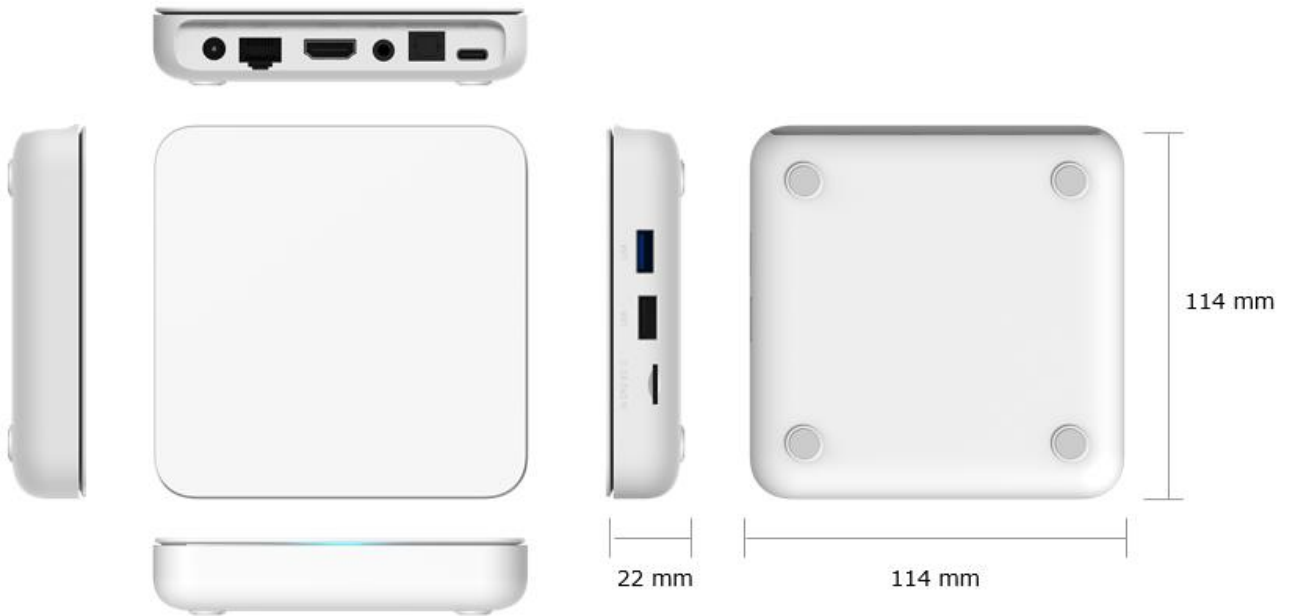
HDMI Output	Supported
SPDIF	Supported
AV Output	Supported
Reset Button	Supported
Power Supply	
DC Input	12V / 1A
Power Consumption	Maximum 12W
Lightning Level	4KV
RCU	
IR Support	Supported
Protocol	BLE 5.0
Battery Type	2*AAA 1.5V
Dimension	
Weight	< 2 lbs
Dimension (W*D*H mm)	114 * 114 * 22 mm
Operating Environment	
Operating Temperature	0°C - 50°C
Storage Temperature	-20°C - 70°C
Humidity	<95%

MECHANICAL DESIGN





DIMENSIONS



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North America:

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