Hisense

A21 IP960N

IPTV SET TOP BOX

* Product appearance subject to the final design.

A21 is an advance 4K IPTV/OTT TV Box running on Android TV OS with Realtek 1315E SoC which support ai super resolution that brings next level clarity, support Custom Android TV Operator Tier Launcher, designed for Telecom, Broadcasting and Pay TV operators, provides maintenance-free Android TV Platform and cost-saving solution to operators.

KEY FEATURES

- ❖ Highest efficiency ARMv8 64-bit CPU, Quad core ARM Cortex-A55 CPU
- ❖ Support AI super resolution and AI PQ enhancement
- ❖ Support up to Wi-Fi 6 (802.11b/g/n/ac/ax) 2x2 MU-MIMO and Bluetooth 5.2
- ❖ Base on Android TV platform
- ❖ Support Google Play Store, Google Cast, Google Assistant.
- ❖ Support custom Launcher

A21
Basic Parameters

Hardware

Chip (SoC)	Realtek RTD1315E
CPU	ARM Cortex-A55 20.4K DMIPS @ 1.7GHz
GPU	ARM Mali-G57 GPU
DRAM	2GB DDR4
Flash	8/16GB eMMC
Wi-Fi	2 x 2 MIMO Wi-Fi 2.4GHz/5GHz 802.11a/b/g/n/ac(WiFi5)
Bluetooth	5.2 with BLE
*RCU	Bluetooth 5.2 and IR

*RCU: Remote Control Unit

Software

OS	Android TV 12
*Certification	Google Android TV
OTA	Support OTA upgrade
DRM	Widevine / PlayReady

*For reference, software part customized based on customer's requirement.

Audio/Video

Audio Codecs	Support MPEG Layer I/II/III / AAC / Opus / Flac / Dolby Digital & Dolby Digital Plus(Optional) / Dolby Atom (Optional)/ DTS (Optional)
Video Codecs	Support AV1 / VP9 profile 2 / H.265 HEVC / AVS2-P2 profile / H264 AVC / MPEG-1/2/4 / HDR10 / HLG / HDR10+(Optional)/ Dolby vision (option)
Resolution	Up to 4Kp60

Physical Characteristic

Power Supply	External 12V 1A
Power Consumption	12 Watt
Operating Temperature	0℃ ~ 40℃
Operating Humidity	10%-90%, RH, Non-condensing
*Size	105 * 105 * 26.5 mm

*Subject to the final design.

Interface

HDMI	1 x HDMI 2.1a(QMS/VRR included) output with HDCP 1.4+2.2
Analog AV	1 x mini-AV port, output CVBS and L/R audio
S/PDIF	1 x SPDIF Optical interface
Network	1 x 10M/100M RJ45 port
USB	2 x USB 2.0 with type A
Power Interface	1 x DC in
LED Status	3 x LED display: Power/Standby, IR Activity, Network Activity
Other	1 x Power On/Off Switch

Accessories

Power Adapter	Power Adapter x 1 Input: AC 110-240V, 50-60Hz Output: DC 12V 1A Cable Length: 1200mm
HDMI Cable	HDMI cable with HDMI 2.0 x 1
LAN Cable	8 ways Multicore Cable 1500mm x 1
Remote Control	IR 38kHz & Bluetooth Remote Control Unit x 1
Battery	AAA 1.5V Carbon Batteries x 2 (For Remote Control)

* Batteries are not provided for air transportation.