

# VIP5402W UHD IP Set-Top

IP, HEVC, Ultra-HD, Quad-Core Set-Top  
with 802.11ac Wi-Fi



## FEATURES

- Android TV™ compliant platform
- 2x2 dual-band selectable IEEE 802.11ac Wi-Fi
- RDK 2.x ready and supports traditional Pay-TV middleware
- Powerful Quad-core Processor for a guaranteed futuristic user experience
- Netflix Compliant (subject to Netflix/operator agreement and certification)
- Support for a range of Conditional Access System options available, including ARRIS TITANIUM
- Ultra-HD with support for a wide range of HDR formats including HDR10, HLG and Dolby Vision (optional dependant on royalty)
- Industry-standard DRM support including pre-integration with Microsoft® PlayReady®, Widevine®, ARRIS SECUREMEDIA® DRM
- Interactive IP set-top supports Electronic Program Guides (EPG) and Video On Demand (VOD), and Multi-room DVR as well as many web/IP-delivered applications using rich advanced graphics
- Compliant with EU power consumption regulations
- HDMI™ 2.1
- Secure Bootloader

## PRODUCT OVERVIEW

A stylish, high-quality UHD (4K) set-top in a small form factor, VIP5402W is an Android TV compliant IP platform which uses the latest technologies to reduce power consumption and increase processing capabilities.

**High Quality Video Experience** - Ultra-HD, 10-bit colour and High Dynamic Range deliver four times the resolution of full HD, improved colour reproduction and a wider luminance range for an image that's even closer to reality, all at frame rates that allow fast-moving action with reduced blurring.

High Efficiency Video Coding (HEVC/H.265) offers up to 50% bandwidth saving compared to the H.264 standard. HEVC can be used by operators to deliver a superior quality-of experience within the same bandwidth or to increase their existing capacity by re-encoding existing assets.

**Enables a wide choice of User Experience** – a high-performance processor, 3D OpenGL and fast LPDDR4 memory give the platform the power to support a wide range of middlewares including Android TV to deliver a modern user experience.

**Connectivity** - the VIP5402W is a highly-connected unit with integrated IEEE 802.11ac dual band wireless and Fast Ethernet. USB 2.0 allows the connection of additional storage devices for functions such as time-shift TV. The Bluetooth Low Energy remote control option supports voice search and allows for hidden installation.

© 2018 ARRIS Enterprises, LLC. All rights reserved.

## GENERAL SPECIFICATIONS

### Core Processor

Processing Quad-core, 15000 DMIPS

### Graphics

Technology 3D OpenGL ES3.1

### Memory

RAM 2 GB DDR4

Application Flash 8 GB eMMC

### Video Decode / Encode

Decoders/Resolutions Single up to 4kp60 10bit

HDR formats supported HDR10, HLG and Dolby Vision

Encoders 1 Video (limited)

Profiles HEVC H.265 up to Main10@L5.1;  
AVC H.264 up to MP@L4.2;  
MPEG-2 up to MP@HL  
VP9 Profile 0 and 2

Optional Codecs VC1, WMV, DivX, VP8

### Audio Decode

Sample Rate 32-192 kHz

MPEG Audio MPEG-1 Layers 1, 2, and 3 (MP3)

MPEG-4 Audio HE AAC v2 profile

Dolby Dolby Digital™, Dolby Digital Plus™,  
and Dolby ATMOS™ (option)

Optional Codecs WMA

### Power

EU Code-of-Conduct compliant

Compliant to Energy Using Products Legislation EC No 1275/2008  
and amendment EU 801/2013

External PSU, localised according to region

## GENERAL SPECIFICATIONS - CONTINUED

### Wi-Fi

Radio 2x2 802.11ac dual-band selectable

Bandwidth 20,40 and 80Mhz Support

Beamforming TX and RX

Modulation BPSK,QPSK,16QAM,64QAM,256 QAM

PHY rate 867 Mbps 5Ghz  
300 Mbps 2.4GHz

### Front Panel

Remote Control IR, Bluetooth

Indicators 2 LEDs, Blue/ Red standby indicator

Buttons One standby button

### Rear Panel

Digital AV HDMI™ 2.0

Analogue AV None

USB USB 2.0 Type A 500 mA

Ethernet RJ-45 Fast Ethernet

Power DC input

### CAS and Security

Secure Processor Yes

HDCP HDCP 2.2

DRM Support ARRIS SecureMedia® DRM  
Microsoft PlayReady®  
Widevine®

CAS Support Multiple CAS options supported  
ARRIS Secure Bootloader

### Physical

Dimensions 120mm (W) x 120mm (D) x 23mm (H)

## CUSTOMER CARE

Contact Customer Care for product information and sales:

- United States: 866-36-ARRIS
- International: +1-678-473-5656



HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. Dolby, Dolby Audio, and the double-D symbol are trademarks or registered trademarks of Dolby Laboratories. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.OpenSSL.org/>)