ARRIS®

VIP5202W UHD IP Set-Top
IP, HEVC, Ultra-HD Set-Top with 802.11ac Wi-Fi

FEATURES

- Android TV™ certified platform
- Netflix Compliant (subject to Netflix/operator certification and agreement)
- RDK 3.0 and KreaTV ready and supports many PayTV middleware
- 2x2 dual-band selectable IEEE 802.11ac Wi-Fi
- Compliant with EU power consumption regulations
- Support for a range of Conditional Access System options available, including ARRIS TITANIUM
- Industry-standard DRM support including pre-integration with Microsoft® PlayReady®, Widevine®, ARRIS SECUREMEDIA® DRM
- Ultra-HD with a wide range of optional HDR formats supported including HDR10, HLG (operational under Android) and Dolby Vision (optional dependant on royalty).
- 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
- HDMI™ 2.1
- Secure Bootloader

PRODUCT OVERVIEW

A stylish, high-quality UHD (4K) set-top in a small form factor, the VIP5202W is an IP platform which uses the latest technologies to reduce power consumption and increase processing capabilities. It is Android TV™ certified and capable of RDK 3.0, KreaTV™ and 3rd Party middleware on request.

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 DDR4 memory gives the platform the power to support a wide range of middlewares including Android TV to deliver a modern user experience.

Connectivity - the VIP5202W 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.

Ultra High Definition	HEVC H.265	HDMI™ 2.1	USB 2.0	802.11ac Wi-Fi

VIP5202W UHD IP Set-Top

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GENERAL SPECIFICATIONS

Core Processor

Processing	Dual-core, 7000 DMIPS

Graphics

Technology	3D OpenGL ES3.0

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	None
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:

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• International: +1-678-473-5656

HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE **▷◁ DOLBY AUDIO**™

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VIP5202W – UHD IP Set-Top Box   (x2 03-2018)