

# VIP5202 UHD IP Set-Top

## IP, HEVC, Ultra-HD Set-Top



## FEATURES

- KreaTV® compliant
- Netflix® compliant (subject to Netflix/operator certification)
- 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 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 and HDCP 2.2
- Secure Bootloader
- Compliant with EU power consumption regulations

## PRODUCT OVERVIEW

A stylish, high-quality UHD (4K) set-top in a compact form factor, VIP5202 is a KreaTV 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 Experiences** – a high-performance processor, 3D OpenGL and fast DDR4 memory gives the platform the power to support a wide range of middlewares to deliver a modern user experience.

**Connectivity** – 100 Mb/s 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.

## GENERAL SPECIFICATIONS

## Core Processor

Processing Dual-core, 8500 DMIPS

## Graphics

Technology 3D OpenGL ES3.0

## Memory

RAM 2 GB DDR4

Application Flash 8 GB eMMC

Boot Flash 4 MB SPI NOR (optional)

## 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

## Front Panel

Remote Control IR, Bluetooth

Indicators LED, Green/Red

Buttons One power button

## Rear Panel

Digital AV HDMI™ 2.1

Analogue AV None

Digital Audio Toslink

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 ARRIS TITANIUM CAS  
ARRIS Secure Bootloader  
Verimatrix Ultra

## Physical

Dimensions 120mm (W) x 120mm (D) x 25mm (H)

Weight 165g

## CUSTOMER CARE

Contact Customer Care for product information and sales:

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

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