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.

| Ultra High Definition | HEVC H.265 | HDMI™ 2.1 | USB 2.0 |

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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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