

VIP4302/4303W



PRODUCT OVERVIEW:

Introducing the new generation of HEVC capable IP set-top boxes in stylish casing design the VIP4302/4303W delivers stunning high definition video viewing experience. This compact HD client offers DVR and time-shift support through external USB devices. Optional 802.11ac Wi-Fi connectivity ensures high quality IPTV delivery. The ARRIS Fast Boot procedure is implemented on this model.



Features and benefits

- HEVC support
- VIP4303 based on ST Micro CPU and VIP4302 based on Broadcom CPU
- Compact HD Client STB
- Available in multiple bottom cover colors
- Support for DVR and Time Shift through USB
- Optional 802.11ac 2x2 dual band Wi-Fi for high quality IPTV application
- Optional BLE RCU
- Fast Boot

SPECIFICATIONS

Processing

CPU	VIP4303: 3.5k DMIPS VIP4302: 3-5k DMIPS
DRAM	512MB / 1GB DDR3
Flash	128MB (256MB / 512MB)

Video Interfaces

Digital video	HDMI with HDCP
Analog video	CVBS in 3.5mm TRRS
Video codecs	VIP4303: HEVC 1080p60 8-bit VIP4302: HEVC 1080p60 10-bit MPEG-4 AVC (H.264) HP@L4.2 1080p60, MPEG-2 (Optional subject to separate license). Other codecs on request.

Video Output

PAL	576i, 576p
High definition	720p, 1080i, 1080p60
Graphics	VIP4303: OpenGL 2.0, 0.7 Gpix/s VIP4302: OpenGL 2.0, 0.6-1 Gpix/s

Audio Interfaces

Digital audio	Optical in A/V 3.5mm
Analog audio	R + L in 3.5mm TRRS
Audio codecs	EAC3, MPEG-1 (MUSICAM), MP3, AAC LC, HE-AAC. Other codecs on request.

Other Interfaces

Ethernet	10/100 Mbit/s
Wi-Fi	Optional 802.11ac 2x2, dual band switchable
Remote control support	IR 36 kHz, optional BLE
USB	1 x 2.0
Status LED	Dynamic array

SPECIFICATIONS (continued)

Physical properties

Dimensions	Diameter 130mm, height 26mm.
Weight	210g

Power

Power switch	Yes
Stand-by switch	Yes
Power supply	External, 12V / 1A
Power consumption	8W maximum

Operating Environment

Temperature	0°C to 40°C (32°F to 104°F)
Humidity	8% to 95% (non-condensing)

Compliance

Power consumption	PCoC, IVA
Environment and safety	RoHS, CE and WEEE

Software

Operating system	ARRIS KreaTV 5.0 or later
MW/UI	Integrated with ARRIS KreaTV Go and other MW/UI systems. SDKs for integration and development in for example HTML5 and QT.
CA/DRM	Integrated with selected CA/DRM systems. SDKs for integration and development.
Boot procedure	ARRIS Fast Boot

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Note: Specifications are subject to change without notice.