

# VIP1100 SERIES IPTV SET-TOP BOXES

Broaden your customer base and generate revenue with our smallest IPTV clients ever. ARRIS's VIP1100 series contains an IPTV set-top box for every IPTV deployment.



## PRODUCT RANGE OVERVIEW

The innovative VIP1100 series set-top boxes broadens ARRIS's IPTV client portfolio. With their compact design and various configurations they offer suitable options for most IPTV deployments. The VIP1100 range supports high quality IPTV services such as high definition broadcast TV, on-demand and interactive applications, as well as over the top (OTT) services. The compact design minimizes energy consumption, keeps costs down and reduces impact on the environment.

## POWERED BY THE KREATV OPERATING SYSTEM

VIP1100 series STBs are all powered by the ARRIS KreaTV operating system, which integrates with current VOD, middleware, and Conditional Access (CA) systems. KreaTV provides open, well-defined Application Programming Interfaces (APIs) for application development and customisation. The KreaTV Software Developer's Kits (SDKs) offer operators, as well as third-party integrators, a fast track to high-quality, revenue-generating digital TV offerings and value-added social media services.

## FEATURES AND BENEFITS

- Compact, cost-effective HD IP set-top boxes
- Features one model with built-in 802.11ac Wi-Fi
- Features two models with RF RCU for hidden installation
- Innovative, sleek design with different sets of connectors to suit various deployments
- Environmentally friendly with low power consumption
- Easy to install and use
- Wall mountable
- Powered by the KreaTV operating system for openness, flexibility, and smooth systems integration





## SPECIFICATIONS FOR THE VIP1100 PRODUCT FAMILY

|                                | MODELS  |   |   |   |  |
|--------------------------------|---|---|---|---|--|
|                                | VIP1103<br>Cost optimized set-top box   | VIP1113L<br>Compact set-top box - a feature reduced VIP1113   | VIP1113M<br>Compact set-top box - a VIP1113 without RF4CE | VIP1113<br>Compact set-back box for hidden installation | VIP1113W<br>Compact Wi-Fi enabled set-back box for hidden installation |
| <b>PROCESSING</b>              |   |   |   |   |  |
| SoC                            | STiH207   |   |   |   |  |
| Performance                    | 1200 DMIPS  |   |   |   |  |
| DRAM                           | 256 MB DDR3   | 256 or 512 MB DDR3  |   |   |  |
| Boot / Application Flash       | 128 MB  | 128 or 512 MB   |   |   |  |
| <b>VIDEO INTERFACES</b>        |   |   |   |   |  |
| Digital video                  | 1 HDMI with HDCP  |   |   |   |  |
| Analog video                   | 1 CVBS, 3.5 mm TRRS (combined with analog audio)  |   |   |   |  |
| Video codecs                   | MPEG-4 AVC (H.264) HP@L4.1 1080p30, MPEG-2 (Optional and subject to a separate license fee). Other codecs on request. | MPEG-4 AVC (H.264) HP@L4.2 1080p60, MPEG-2 (Optional and subject to a separate license fee). Other codecs on request. |   |   |  |
| <b>VIDEO OUTPUT RESOLUTION</b> |   |   |   |   |  |
| PAL                            | 576i, 576p  |   |   |   |  |
| High definition                | 720p, 1080i, 1080p60  |   |   |   |  |
| <b>AUDIO INTERFACE</b>         |   |   |   |   |  |
| Analog audio                   | L+R, 3.5 mm TRRS (combined with CVBS video)   |   |   |   |  |
| Digital audio                  | In HDMI only  |   |   |   | In HDMI and optical S/PDIF in combo 3.5 mm TRRS                        |
| Audio codecs                   | Dolby® Digital, MPEG-1 (MUSICAM), MP3, AAC LC, HE-AAC<br>Other codecs on request.                                     |   |   |   |  |
| <b>OTHER INTERFACES</b>        |   |   |   |   |  |
| Ethernet                       | 10/100 Base-T Ethernet (RJ45)   |   |   |   |  |
| USB 2.0                        | -   | 1   |   |   |  |
| Micro SD card reader           | -   | 1   |   |   | -  |
| IR receiver for remote control | 36 kHz  |   |   |   |  |
| RF4CE                          | -   | Yes   |   |   |  |
| Wi-Fi                          | -   | -   |   |   | 802.11ac, 5 GHz 2x2 MIMO   |

SPECIFICATIONS CONTINUED

|                              | MODELS   |   |   |   |   |
|------------------------------|--|---|---|---|---|
|                              | VIP1103<br>Cost optimized<br>set-top box   | VIP1113L<br>Compact set-top<br>box - a feature<br>reduced VIP1113 | VIP1113M<br>Compact set-top<br>box - a VIP1113<br>without RF4CE | VIP1113<br>Compact set-back<br>box for hidden<br>installation | VIP1113W<br>Compact Wi-Fi<br>enabled set-back<br>box for hidden<br>installation |
| <b>POWER</b>                 |  |   |   |   |   |
| DC power switch              | Yes  |   |   |   |   |
| Maximum power consumption    | ~4.2 W   | ~4.7 W  | ~5.9 W  |   | ~7.2 W  |
| Standby power consumption    | < 0.5 W  |   |   |   |   |
| Power supply                 | External power supply 6 V / 1.67 A   |   |   |   | External power supply<br>12 V / 1 A   |
| <b>OPERATING ENVIRONMENT</b> |  |   |   |   |   |
| Temperature                  | 0° C to 40° C (32° F to 104° F)  |   |   |   |   |
| Humidity                     | 8% to 95% (non-condensing)   |   |   |   |   |
| <b>PHYSICAL</b>              |  |   |   |   |   |
| Dimensions                   | 130x130x23 mm  |   |   |   | 136x136x27 mm   |
| Weight                       | ~150 g   |   |   |   | ~210 g  |
| <b>COMPLIANCE</b>            |  |   |   |   |   |
| Regulatory                   | RoHS, CE and WEEE  |   |   |   |   |
| <b>STANDARD ACCESSORIES</b>  |  |   |   |   |   |
| Standard remote control unit | ARRIS NYX (IR)   | ARRIS REX (IR)  |   | ARRIS REX (RF)  |   |
| Standard cables              | HDMI, Ethernet   |   |   |   | HDMI  |
| <b>SOFTWARE</b>              |  |   |   |   |   |
| Operating system             | ARRIS KreaTV 4.6 or later.   |   |   |   | ARRIS KreaTV 4.8 or later.  |
| MW/UI                        | Integrated with ARRIS Dreamgallery and other MW/UI systems.<br>SDKs for integration and development. |   |   |   |   |
| CA/DRM                       | Integrated with ARRIS Securemedia and other CA/DRM systems.<br>SDKs for integration and development. |   |   |   |   |
| Software upgrade             | Remote software download.  |   |   |   |   |

Specifications are subject to change without notice.

For more information, visit [www.arrisi.com](http://www.arrisi.com)



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