

VIP2853

FLEXIBLE IP SET-TOP BOX WITH DVR CAPABILITY

Broaden your customer base and generate revenue with ARRIS VIP2853 high-definition IP set-top box with DVR module capability. VIP2853 has a compact, cost-effective design and a set of features that enable flexible service packaging and market segmentation.



PRODUCT OVERVIEW

The VIP2853 offers a cost-effective, yet flexible, way of bringing high-quality IPTV services, such as high-definition broadcast TV, on-demand services, interactive applications, and DVR/timeshift, as well as over the top (OTT) services, to the home. The optional slot-in DVR Module gives you the flexibility to support DVR and non-DVR customers with the same set-top box. For non-DVR customers, you can up-sell a full DVR without needing to replace the set-top box. All the user has to do is simply insert the DVR module. Low power consumption both in full operation and standby in combination with its small size and minimal weight means that the VIP2853 has low environmental impact. Its optional DVR module utilizes a 2.5" hard drive using less power and producing less noise than a standard 3.5" drive.

POWERED BY THE KREATV OPERATING SYSTEM

VIP2853 is 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, high-definition IP set-top box with flexible features and low noise
- Optional, user-installed 320/500/1000 GB DVR module enables timeshift with trick play and scheduled recordings
- Optional display and touch controls
- Two versions exist, one with SCART connector (European) and one with RCA connectors (Global)
- Environmentally friendly with low power consumption
- Powered by the KreaTV operating system for openness, flexibility, and smooth systems integration

SPECIFICATIONS

PROCESSING

CPU	650 MHz/1200 DMIPS
DRAM	256 (512) MB DDR3
Flash	128 MB

VIDEO INTERFACES

Digital video	HDMI with HDCP
Analog video	SCART (European version) RCA Composite video (Global version)
Video codecs	MPEG-4 AVC (H.264) HP@L4.2 1080p60, MPEG-2 (Optional and subject to a separate license fee). Other codecs on request.

VIDEO OUTPUT RESOLUTION

PAL	576i, 576p
High definition	720p, 1080i, 1080p60

AUDIO INTERFACES

Analog audio	3.5 mm jack R+L (European version) 2 x RCA R+L (Global version)
Digital audio	Toslink
Audio codecs	Dolby® Digital, MPEG-1 (MUSICAM), MP3, AAC LC, HE-AAC. Other codecs on request.

OTHER INTERFACES

Ethernet	10/100 Base-T Ethernet (RJ45)
IR receiver for remote	36 kHz
RF transceiver for remote	Optional RF4CE
USB	1 x USB 2.0
DVR and timeshift	Interface for customer-installed 2.5", 320/500/1000 GB HDD, DVR module
Display	Optional 4 digit/7 segment LED or optional graphic OLED
Control keys	Optional 9 touch keys

PHYSICAL

Dimensions	190x130x41 mm
Weight	350 g

POWER

DC power switch	Yes
Standby switch	Yes
Power supply	External power supply 12 V/1 A
Power consumption	~5.7-8.2 W, less than 0.5 W in standby

OPERATING ENVIRONMENT

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

COMPLIANCE

Voluntary Agreement on energy consumption, RoHS, CE and WEEE

SOFTWARE

Operating system	ARRIS KreaTV 4.6 or later
MW/UI	Integrated with ARRIS Dreamgallery and other MW/UI systems. SDKs for integration and development.
Copy protection	Integrated with ARRIS SecureMedia and other CA/DRM systems. SDKs for integra tion and development.
Software upgrade	Remote software download

Specifications are subject to change without notice.

For more information, visit www.arrisi.com



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