

# ZS4100 | ZS4100 Zapper Satellite Set-Top

## Base Product



### DVB-S2, AVC, HD Cable Set-Top with optional 802.11n Wi-Fi

- High-definition small-form STB solution
- Integrated DVB-S/S2 tuner/demodulator
- Full range of HD and SD video formats up to 1080p60
- HDMI 1.4™
- Compliant with EU power consumption regulations
- Range of middleware options available
- Range of conditional access options available including pre-integration with Titanium and Cisco Videoguard
- Industry-standard DRM support including pre-integration with Microsoft® PlayReady®
- 2x2 dual-band selectable IEEE 802.11n Wi-Fi (optional)

The ZS4100 is a small-form satellite AVC (H.264) set-top box solution for lower-cost but still high-performance DVB operations. The product uses the latest silicon technology to reduce size and power consumption while increasing processing. It is capable of functioning as a stand-alone device or, via its networking as part of a connected home network.

High Performance - A class-leading Broadcom processor delivers impressive performance over previous generations of devices whilst reducing power. Its high-capability CPU lends itself to hybrid broadcast and interactive operations and the processor is capable of supporting all modern security architectures (CAS and DRM). A flexible memory configuration supports a rich software experience and, finally, highly-sensitive broadcast tuners make for high reliability in challenging signal conditions.

High Connectivity - The ZS4100 integrates USB 2.0 and fast (10/100) Ethernet for the connection of peripherals and networking.

Optional Modules - The unit supports an optional IEEE 802.11n dual-frequency MIMO Wi-Fi block for wireless networking or can interface via its built-in fast Ethernet to external networking such as PLC. These ARRIS-supplied modules are designed to build into an attractive and complimentary stack of components, allowing operators to extend ARPU in a staged manner.

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Product Type</b>	Satellite video device

## General Specifications

<b>Front Panel Interfaces</b>	IR receiver   Up to 4 LED indicators   Up to 4 buttons
<b>Graphics</b>	2D processing up to 324 Mpix/s
<b>Input Signal Level Range</b>	-65 dBm to -25 dBm
<b>Memory</b>	128 MB Flash   512 MB DDR3
<b>Network Interface</b>	Ethernet   Wi-Fi
<b>Processor</b>	2000 DMIPS
<b>Rear Panel Interfaces</b>	CVBS via RCA   DC input   Full-size smartcard (bottom)   HDMI 1.4   IEC 61169-2 female (In)   L/R audio via RCA   RJ45   USB 2.0 Type A 500 mA

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<b>Software Compatibility</b>	Android TV   RDK 2.0
<b>Symbol Rate</b>	2–45 Msym/s
<b>Tuner</b>	Satellite
<b>Tuning Range</b>	950–2150 MHz
<b>Video Formats</b>	HD
<b>Video Resolution</b>	1080p60
<b>Wi-Fi Interface Standard</b>	IEEE 802.11n

## Environmental Specifications

<b>Standards Compliance</b>	Compliant to Energy Using Products Legislation EC No 1275/2008 and Amendment EU 801 /2013   EU Code-of-Conduct compliant
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