

ZS4210 | ZS4210 Zapper Satellite Set-Top

Base Product



DVB-S2, HEVC, HD Satellite Set-Top with optional 802.11n Wi-Fi

- High-definition small-form STB solution with HEVC support
- 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 ZS4210 is a small-form satellite HEVC (H.265) 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 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 Quality - High Efficiency Video Coding (HEVC or H.265) is the next-generation of video codec, offering up to 50% bandwidth savings on the H.264 standard. HEVC can be used by operators to deliver a superior quality-of-experience within the same satellite bandwidth or to increase their existing capacity by re-encoding existing assets.

High Connectivity - The ZS4210 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.

The same unit also can be configured with an AVC only device for further costs savings, if HEVC is not required (ARRIS ZS4100).

Product Classification

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

General Specifications

Front Panel Interfaces	IR receiver Standby button Up to 4 LED indicators Up to 4 buttons
Graphics	2D processing up to 324 Mpix/s
Input Signal Level Range	-65 dBm to -25 dBm
Memory	128 MB Flash 512 MB DDR3

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Network Interface	Ethernet Wi-Fi
Processor	2000 DMIPS
Rear Panel Interfaces	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
Symbol Rate	2–45 Msym/s
Tuner	Satellite
Tuning Range	950–2150 MHz
Video Formats	HD
Wi-Fi Interface Standard	IEEE 802.11n

Logo Image



Environmental Specifications

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