

ARRIS ZC4100

**DVB-C, HEVC, HD SET TOP WITH
OPTIONAL 802.11N WI-FI**

FEATURES

- High-definition small-form STB solution
- Integrated DVB-C 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, Verimatrix and Conax
- Industry-standard DRM support including pre-integration with Microsoft® PlayReady®
- Optional 2x2 dual-band selectable IEEE 802.11n Wi-Fi
- Range of optional analogue outputs
- AVC only processor option (ZC4100)



PRODUCT SPECIFICATIONS

CORE PROCESSOR

Processing

2000 DMIPS

GRAPHICS

Technology

2D processing up to 324 Mpix/s

MEMORY

RAM

512 MB DDR3

Application Flash

128 MB

VIDEO DECODE/ENCODE

Decoders/Resolutions

Single up to 1080p60

Encoders

None

Profiles

HEVC H.265 up to MP@L5.1; AVC H.264 up to MP@L4.2; MPEG-2 up to MP@HL

Optional Codecs

WMV, DivX, VC1, VP8



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AUDIO DECODE

Sample Rate	32-192 kHz
MPEG Audio	MPEG-1 Layers 1, 2
MPEG-4 Audio	HE AAC v2 profile
Dolby	Dolby Digital™, Dolby Digital Plus™
Optional Codecs	WMA, MPEG-1 Layer 3

AUDIO DECODE

Input	IEC 61169-2 Female
Tuning Range	106-1006 MHz
Tuner/Demodulator	DVB-C tuner and demodulator compliant to EN 300 429
Symbol Rate	4.0-6.952 Msym/s with notional support up to 7 Msym/s
Modulation	64-, 128- and 256-QAM
Output	IEC 61169-2 Male Loop through of input Gain (signal-in to out): 2 dB ± 2 dB (Powered)

FRONT PANEL

Remote Control	IR
Indicators	Up to 4 LEDs
Buttons	Up to 4

REAR PANEL

RF	IEC 61169-2 female (In); IEC 61169-2 male (Out)
Digital AV	HDMI 1.4
Analogue AV	CVBS via RCA, L/R audio via RCA
USB	USB 2.0 Type A (500 mA)
Ethernet	RJ-45 10/100 Mbps
CAS	(Bottom) Full-size smartcard
Power	DC input



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AUDIO DECODE

Secure Processor

Yes

Interface

Full-size compliant to ISO 7816

HDCP

HDCP 1.2

Analogue CP

Rovi 7.1

CGMS-A

POWER

- 195-265 V, 50-60 Hz supply
- EU Code-of-Conduct compliant

- Compliant to Energy using products legislation (<1 W standby)
- External PSU