

CT4325 Terrestrial Set-Top

DVB-T2, HEVC, HD Set-Top with 802.11ac Wi-Fi



FEATURES

- High definition HEVC set-top box solution
- Integrated DVB-T/T2 tuner/demodulator
- IEEE 802.11ac dual-band (selectable) Wi-Fi
- HDMI 1.4™
- Full range of video resolutions supported
- 3D graphics support (OpenGL ES 3.0, 2.0 and 1.1)
- Power down mode and compliant with EU power consumption regulations
- Pre-integrated with HbbTV 1.5 compliant state-of-the-art middleware
- Secure bootloader
- Industry standard DRM support (including Microsoft® PlayReady®)
- OTT codec licences (option)
- Dual DVB-T/T2 tuner/demodulator (option)

PRODUCT OVERVIEW

The CT4325 is an advanced, high-definition, HEVC hybrid DTT set-top box solution for OTT operations. The solution includes integrated Wi-Fi and Bluetooth LE for slick, wire-free operation.

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 cable bandwidth or to increase their existing capacity by re-encoding existing assets.

High Performance - the CT4325 uses the latest technology to reduce size while delivering enhanced processing and graphics performance. It is capable of functioning stand-alone or as part of a whole home solution.

A 6500-DMIPS processor and dedicated GPU mean that the CT4325 is ideally suited to a hybrid role, combining interactivity, broadcast and broadband television. Additionally the processor is capable of running the latest middleware including HTML5 and HbbTV.

High Connectivity - the CT4325 is a highly-connected unit with integrated IEEE 802.11ac dual-band wireless and fast Ethernet. USB 2.0 allows the connection of external peripherals and Bluetooth Low Energy allows an optional advanced remote control unit and features such as voice search to be supported.

GENERAL SPECIFICATIONS

Core Processor

Processing 6500 DMIPS

Graphics

Technology 2D processing up to 1Gpix/s
3D processing up to 1 Gpix/s
OpenGL ES3.0

Memory

RAM 1 GB DDR3

Application Flash 8 GB eMMC

Boot Flash 4 MB SPI NOR

SD MicroSD Card slot
Card not supplied

Terrestrial Frontend

Input IEC 61169-2 Female

Tuning Range 174-216 MHz (VHF)
470-806 MHz (UHF)

Input Signal Level -94 to -23 dBm

Tuner/Demodulator DVB-T/T2 tuner and demodulator

Standards EN 300 744 and EN 302 755
Digital TV Group D-Book
Nordig Unified Test Specification
Nordig Unified Test Specification for
DVB-T2

Active Antenna 100 mA at 5 V switchable

GENERAL SPECIFICATIONS - CONTINUED

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

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

GENERAL SPECIFICATIONS - CONTINUED

Home Networking

Wi-Fi	IEEE 802.11n/ac 2T2R 2.4 GHz and 5 GHz selectable
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Bluetooth	4.X / BLE
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Rear Panel

RF Input	IEC 61169-2 female
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Digital AV	HDMI 1.4
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USB	USB 2.0 Type A (500 mA)
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Ethernet	RJ-45 10/100 Mbps
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Power	DC input
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GENERAL SPECIFICATIONS - CONTINUED

CAS and Security

Secure Processor	Yes
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Interface	DRM only
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HDCP	HDCP 1.2
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Power

195-265 V, 50-60 Hz supply

EU Code-of-Conduct compliant

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

External PSU

CUSTOMER CARE

Contact Customer Care for product information and sales:

- United States: 866-36-ARRIS
- International: +1-678-473-5656



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