

DCX4400 Cable Set-Top

ATSC, HEVC, UHD Set-Top with DOCSIS® 3.0 modem



FEATURES

- 7K DMIPS Dual Core processor
- Video decode up to 4Kp60
- Vision HDR10 and optional Dolby Vision™ and Technicolor Prime
- 4 GB eMMC Flash (minimum); 2 GB DRAM
- DOCSIS 3.0 16x4 embedded cable modem

PRODUCT OVERVIEW

The ARRIS DCX4400 Hybrid UHD Set-top provides a cost effective design that allows you to grow your IP network while supporting existing linear QAM programming.

The DCX4400 provides support for High Efficiency Video Coding (HEVC or H.265), 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 bandwidth or to increase their existing capacity by re-encoding existing assets.

The DCX4400 comes with a full-band capture tuner, as well as an embedded DOCSIS 3.0 cable modem that allows for streaming of IP services.

USB 2.0 allows the connection of external peripherals and Bluetooth Low Energy allows support for an optional advanced remote control unit and features such as voice search.

GENERAL SPECIFICATIONS

Processor	Dual -Core 7,000 DMIPS
Memory	4GB eMMC Flash , 2GB DRAM, 4MB NOR
Video	Video decode up to 4Kp60 , HEVC(1), MPEG-4 AVC, VP9 Profile 2, SVC(2), MVC(2)
HDMI Video Output Formats	480i/p, 720p, 1080i, 1080p24/30/60, 2160p24/30/60
High Dynamic Range Formats	HDR10; HLG; Dolby Vision™; Technicolor Prime
Audio	Dolby® Digital Plus, AAC-LC / HE-AAC, MP3, WMA9
Graphics	OpenGL ES3.1, 1.2 Gpixel/s, scalable video-in-graphics
Network Interfaces	DOCSIS 3.0 eCM 16x4, 10/100 Ethernet
Power Supply	External 100 VAC to 240 VAC, 50/60 Hz input; 12 VDC output
Power Dissipation	12 Watts AC nominal
Dimensions	250mm Wide x 150mm Deep x 42mm High (9.84 in Wide x 5.91 in Deep x 1.65 in High)
Weight	1.0 lb. (0.45kg)
Operating Temperature	15° C to 40°C (59°F to 104°F)
Operating Humidity	5% to 95% (non-condensing)

STANDARD INTERFACES

Front Panel

Dual function LED; Power and Activity

IR and Bluetooth® BLE remote control interfaces

Rear Panel

Micro SD Card slot

F-connector

HDMI™ 2.0a output

USB 2.0 Type A 500 mA

10/100 Mbps Ethernet interface

DC input

3mm Serial port

Software

Operating System	KreaTV®
Alternate OS builds	Details available on request
TV Application	Minerva 10
Alternate TV application builds	Details available on request



CUSTOMER CARE

Contact Customer Care for product information and sales:

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



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