

DCX4400 Cable Set-Top

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

A R R I S

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 DCX4440 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	

Minerva 10

Details available on request



CUSTOMER CARE

Contact Customer Care for product information and sales:

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



TV Application

Alternate TV application builds



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