DCX4400 | DCX4400 Cable Set-Top

Base Product

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

- 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

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.

Product Classification

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

General Specifications

Front Panel Interfaces	Bluetooth Low Energy	Dual function LED	IR receiver
Graphics	1.2 Gp/s OpenGL ES3.1, scalable video-in-graphics
Memory	2 GB DRAM	4 GB eMMC Flash	4 MB NOR
Network Interface	DOCSIS 3.0	Ethernet
Processor	Dual-core, 7000 DMIPS
Rear Panel Interfaces	3 mm Serial port	DC input	HDMI 2.0a	Micro SD Card slot	RJ45	USB 2.0 Type A 500 mA	'F' type connector
Remote Interfaces	Bluetooth Low Energy (optional)	IR
Software Compatibility	ARRIS KreaTV	Minerva 10
Tuner	Cable
Video Formats	UHD
Video Resolution	1080i	1080p24/30/60	2160p24/30/60	480i/p	4Kp60	720p

Dimensions

Height	41.91 mm	1.65 in

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Width	249.936 mm	9.84 in
Length	150.114 mm	5.91 in

Logo Image

Electrical Specifications

Power Consumption	12 W

Environmental Specifications

Operating Temperature	+15 °C to +40 °C (+50 °F to +104 °F)
Relative Humidity	5%–95%

Packaging and Weights

Weight, net	0.454 kg	1 lb

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