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 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

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

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**CUSTOMER CARE**

Contact Customer Care for product information and sales:
- United States: 866-36-ARRIS
- International: +1-678-473-5656

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