DVB-C Headend with Satellite and IPTV Input

- 4 Channel DVB-C (QAM) Headend System
- 12 DVB-S/S2 tuner inputs for 12 FTA satellite transponders
- 128 IPTV inputs (UDP, RTP)
- 4 groups multiplexing + 4 groups scrambling
- 4 groups QAM modulating
- Excellent RF output performance index, MER ≥ 43 dB
- Accurate PCR adjusting
- PSI/SI editing and inserting
- Web management, Updates via web
- DiSEqC 1.0 LNB control for up to 4 satellites
- Dual power supply (optional)

**BLANKOM HDC-6012 is a next generation cable-tv headend system in one unit.**

Satellite and IPTV channels can be combined in 4 different DVB-C groups and distributed over coaxial cable to large networks.
## Technical specifications:

<table>
<thead>
<tr>
<th>Function</th>
<th>4 channel DVB-C Headend with Satellite, IPTV input</th>
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<tbody>
<tr>
<td><strong>INPUT</strong></td>
<td></td>
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<tr>
<td>12 DVB-S/S2 FTA Tuner</td>
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<tr>
<td>128 IPTV channels over UDP and RTP protocol</td>
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<tr>
<td><strong>OUTPUT</strong></td>
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<tr>
<td>4 DVB-C groups which can be multiplexed from any combination of input channels</td>
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<tr>
<td><strong>Tuner section</strong></td>
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<tr>
<td>12 DVB-S/S2 tuners with input frequency range: 950-2150 MHz</td>
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<tr>
<td>Symbol rate: 2-45 MSp (supports SCPC and MCPC)</td>
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<tr>
<td>Signal strength: -65~-25dBm</td>
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<tr>
<td>Supports QPSK, 8PSK; supports DiSEqC 1.0 LNB control for up to 4 satellites</td>
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<tr>
<td><strong>Multiplexing</strong></td>
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<tr>
<td>4 multiplexers, Maximum PID remapping: 128per input channel</td>
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<tr>
<td>PID remapping (automatically or manually), Accurate PCR adjusting, Generate PSI/SI table automatically</td>
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<tr>
<td><strong>Scrambling</strong></td>
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<tr>
<td>Max simulcrypt CA: 4</td>
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<tr>
<td>Scramble Standard: ETR289, ETSI 101 197, ETSI 103 197</td>
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<tr>
<td>Local/remote connection</td>
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<tr>
<td><strong>Modulation</strong></td>
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<tr>
<td>4 DVB-C (QAM) channels, Standard EN300 429/ITU-T J.83A/B</td>
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<tr>
<td>RF frequency 50~960 MHz, 1 kHz step</td>
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<tr>
<td>RF output level 77~97 dBUV, 0.1 dB step</td>
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<tr>
<td>Constellation 16/32/64/128/256QAM</td>
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<tr>
<td>MPTS / SPTS over UDP, 10/100 Base-T Ethernet interface (UDP unicast / multicast)</td>
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<tr>
<td><strong>SYSTEM</strong></td>
<td></td>
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<tr>
<td>Remote management Web NMS (10M/100M)</td>
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<tr>
<td><strong>CONTROL</strong></td>
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<tr>
<td>AC 110V±10%,50/60Hz or AC 220V±10%, 50/60Hz, 25 W, dual power supply optional</td>
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<tr>
<td><strong>Temperature</strong></td>
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<tr>
<td>0<del>45°C (operation), -20</del>80°C (storage)</td>
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</tbody>
</table>