BLANKOM
an IRENIS brand ...setting signals

IRD 6300

DVB & IP Dual Tuner HD IRD with multiple outputs

FRONT

REAR

- **2x Tuner DVB-S/S2x L-Band Input,** (DVB-C/ISDB-Tb/T/T2 optional)
- **2x ASI and IP (UDP) Inputs (and outputs)**
- **IP stream out: IP (1 MPTS & 16 SPTS) over UDP and RTP/RTSP**
- **HD/SD-SDI, 2 ASI, HDMI, CVBS Video Output**
- **Audio: MPEG 1 Layer II, LC-AAC, HE-AAC, HE-AAC V2,**
  Dolby Digital/Dolby Digital Plus decoding and AC3 passthrough
- **Video: HD/SD MPEG2, MPEG4 AVC/H.264, HEVC/H.265 decoding**
- **2 independent CI-Slots for 2 CA Modules (CAM) TS from ASI/Tuner/IP**
- **Embedded Re-multiplexer 128 PIDs**
- **BISS Descrambling: Mode 1 and Mode E, up to 120Mb/s**
- **CC (Closed Caption) and TT-Subtitle support SDI embedded**
- **Up to 2 Stereo analogues out with Adapter**
- **Web based Management = NMS Network Management, 1x GbE Streaming**

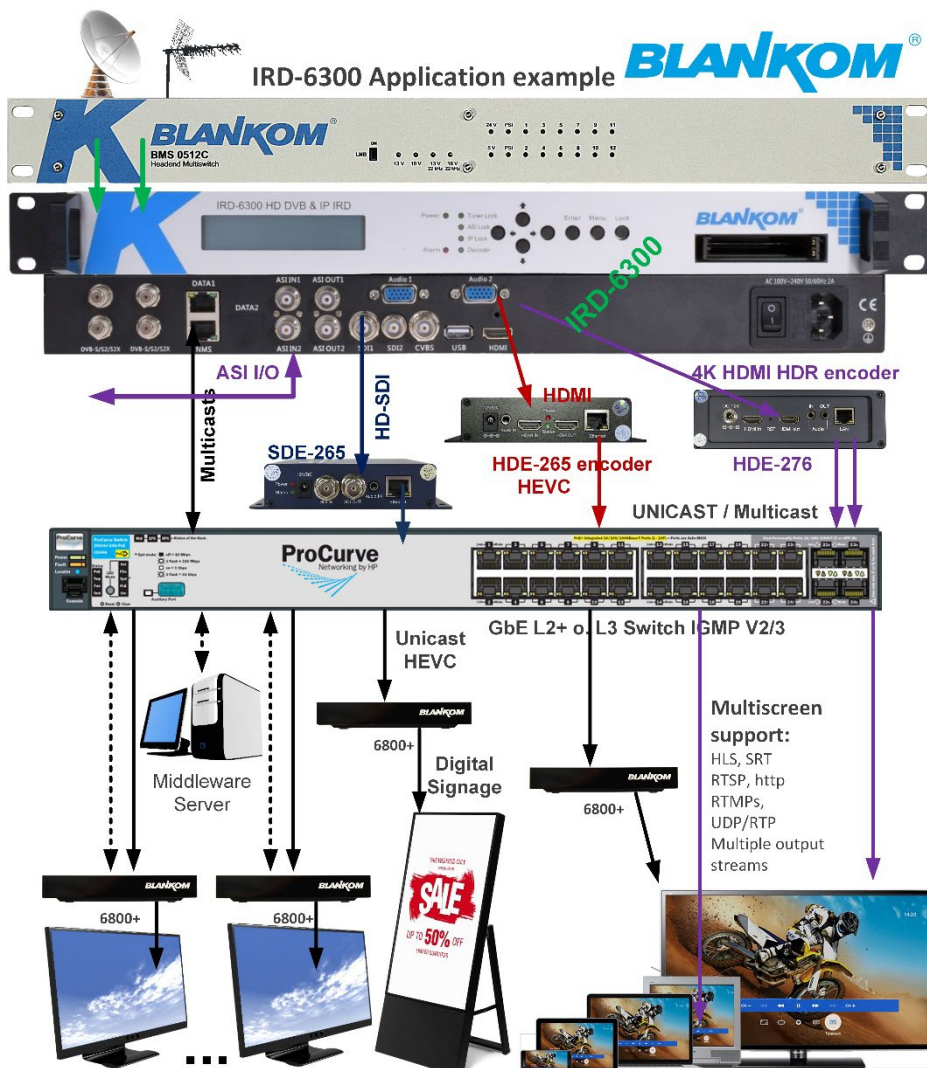**The BLANKOM IRD-6300 is a well-designed Integrated Receiver Decoder.**

Depending on the selected Tuner option it's dual frontend supports DVB-S/S2x (DVB-C, DVB-T/(T2), ISDB-T and ATSC-optional) and additionally ASI and IP Input sources.

After demultiplexing and decryption with max 2 CI module, the decoded content can be passed to digital interfaces ASI, IP, HDMI.

Its various A/V outputs support HD/SD-SDI, CVBS, stereo Audio, for universal professional need.
With the 2 independent CAM/CI slots the IRD-6300 support multiple channel (Tuner, ASI or IP) de-scrambling and transparent signal output. BISS-Embedded decryption supported.

Operation by using front panel LCD or by the inbuilt comfortable Web-Interface.

IRD-6300 Application example

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Technical specifications IRD 6300:

INPUT	**2x DVB-S/S2x tuner** *(optional DVB-C/DVB-T(2)/ ISDB-Tb/ATSC-T)* **QPSK/8PSK/16APSK: 0.5…45Msps 8APSK/32APSK: 0.5…40Msps,** *more details upon request…*
	IP input (1000M, RJ45 Port) UDP/(RTP*)/RTSP
	1x ASI input (support 188/204 package formats)
DECODING	**1 channel: Interface: CVBS/HDMI/SDI** **Resolution: 480i, 480p, 576i, 576p, 720p/720i@50/59.94/60, 1080p/1080i@50/59.94/60** <u>**Audio:**</u> **Interface HDMI, SDI, BNC,** (optional adapter: DB15 to XRL, RCA, AES, S/PDIF) **Number of channels: 2** **Decoding: MPEG 1 Layer II, LC-AAC, HE-AAC, Dolby Digital/ Dolby Digital Plus** **Audio Output Mode: Left, Right, Stereo, DD AC3 (5.1) CH (for HDMI/SDI out only)**
Video	**4:2:0 HD/SD MPEG-2 and MPEG4 AVC/H.264 and HEVC h.265**
BISS Descrambling	**Mode 1, Mode E … 120Mb/s**
CONTROL PORT	**Ethernet Port 100BaseT RJ45**
OUTPUT	**2x ASI parallel output on BNC interface**
Video	**2x HD/SD-SDI (BNC)** *SDI1 and SDI2 mirrored out*
	1x HDMI
	1x CVBS(BNC): 576i@25fps, 480i@29.97fps
IP	**1x MPTS & 16 SPTS on GbE RJ45 interface (UDP/RTP uni-/multicast), RTSP**
SYSTEM Control	**Management: front panel (LCD + Keypad);** **Network (NMS);** **Web-based Management** **Ethernet port for CPU/FPGA firmware upgrade, USB port for decoder firmware upgrade** **2x CI Slots for decryption & both TS Service routing possible**
Dimensions	**482mm × 300mm × 44.5mm, 19" 1U, 3,5 kg**
Power	**AC 100V- 240V 50/60Hz Consumption: 20 W**
Temperature	**0…45℃ (operation), -20…80℃ (storage)**

IRD-6300 Integrated Receiver Decoder

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