

DVB & IP HD IRD with multiple outputs



- DVB-S/S2 L-Band Input, 100Mb/s IP, ASI Input (T/(T2) optional)
- HD-SD/SDI, 2x2 ASI, YPbPr, HDMI, CVBS Video Output
- Balanced and Unbalanced Audio, S/PDIF Output
- Broadcast quality
- CAM Module(s) (only one can be used active)
- H.264 and MPEG-2 Decoding
- Up to 32x SPTS and 1x MPTS GigE IP Output
- Embedded Re-multiplexer
- BISS Descrambling: Mode 1 and Mode E
- CC (Closed Caption -US-Subtitles) for SDI and CVBS Interfaces
- AC3 pass through for SDI Interface
- Front panel LCD monitor
- Web Management, NMS/SNMP Network Management

The BLANKOM IRD-6200 (-6100) is a designed IRD with LCD video monitor equipped on the front.

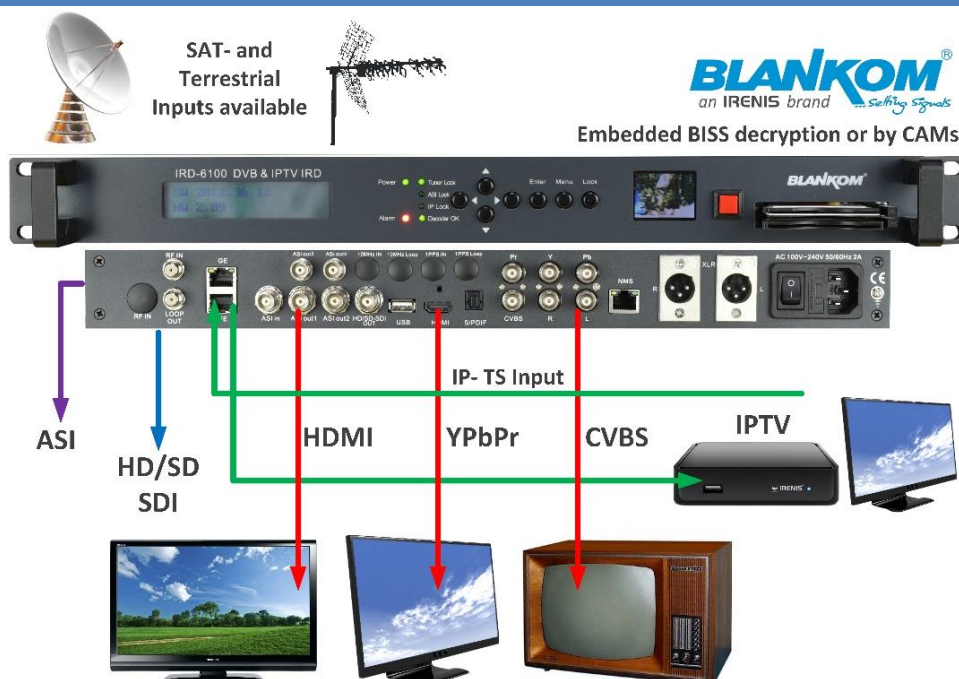
Depending on selected Tuner option it frontend supports DVB-S/S2 (DVB-C, DVB-T/(T2), ISDB-T and ATSC-optional), ASI and IP sources.

After de-multiplexing and de-cryption with max 2 CI module, content output can be passed to ASI, IP as well as various A/V interfaces.

Its A/V outputs support professional HD/SD-SDI, YPbPr, CVBS, HDMI, stereo un- and also -balanced Audio, and S/PDIF digital Audio, for professional need.

With the CAM/CI slot, IRD-6200 can support one channel (Tuner, ASI or IP) de-scrambling and give transparent signal output. Operation by using front panel LCD or SNMP software or by the inbuilt comfortable Web-Interface.

BLANKOM IRD-6200 is a professional IRD for broadcasters with DVB-S/S2 tuner, GigE IP and ASI inputs and an advanced version of the IGS-6100 model 2 CAM slots can be operated for seamless decryption switchover and embedded BISS decryption. HD/SD-SDI, YPbPr, HDMI and CVBS outputs are supported.



Technical specifications IRD 6100* / IRD 6200:

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|-------------------|--|
| INPUT | DVB-S/S2 8PSK tuner (optional 16/32APSK/ DVB-C/DVB-T(2)/ ISDB-Tb/ATSC-T) |
| | IP input (100M, RJ45 Port) UDP/(RTP*)/RTSP |
| | 1x ASI input (support 188/204 package formats) |
| DECODING | |
| Video | MPEG-2, H.264/MPEG-4 |
| Audio | MPEG1 layer 2, AC3, HE-AAC(v2), LC-AAC |
| BISS Descrambling | Mode 1, Mode E |
| CONTROL PORT | Ethernet Port 10/100BaseT RJ45 |
| OUTPUT | |
| Video | 1x HD/SD-SDI(BNC): 1080i@25, 29.97, 30fps; 720p@50, 59.94fps; 576i@25fps; 480i@29.97fps |
| | 1x HDMI: 1080i@25, 29.97, 30fps; 720p@50, 59.94fps |
| | 1x YPbPr(BNC): 1080i@25, 29.97, 30fps; 720p@50, 59.94fps |
| | 1x CVBS(BNC): 576i@25fps, 480i@29.97fps |
| IP | 1x MPTS 100Mb & 8SPTS*, 20-32x SPTS on GbE RJ45 interface (UDP/RTP uni-/multicast), RTSP |
| ASI | 2x dual ASI output: 2 muxed, 2 passed ,BNC interface |
| Audio | Stereo unbalanced audio: BNC interface Stereo balanced audio: XLR interface Digital audio: S/PDIF |
| SYSTEM Control | Management: front panel (LCD + Keypad); Network (NMS/SNMP); Web-based Management Ethernet port for CPU/FPGA firmware upgrade USB port for decoder firmware upgrade |
| Monitor | Mini LCD Monitor integrated in front panel |
| Dimensions | 482mm × 455mm × 44.5mm, 19" 1U, 4 kg |
| Power | AC 110V±10%,50/60Hz or AC 220V±10%, 50/60Hz, Consumption: 25 W |
| Temperature | 0...45°C (operation), -20...80°C (storage) |

