

DVB-S/S2 & IP HD IRD with multiple outputs



- ✓ DVB-S/S2 L-Band Input, 100M IP, ASI Input
- ✓ HD-SD/SDI, 4x ASI, YPbPr, HDMI, CVBS Video Output
- ✓ Balanced and Unbalanced Audio, S/PDIF Output.
- ✓ Broadcast quality
- ✓ CAM Module
- ✓ H.264 and MPEG-2 Decoding
- ✓ 32x SPTS and 1x MPTS GigE IP Output
- ✓ Embedded Re-multiplexer
- ✓ BISS Descrambling: Mode 1 and Mode E
- ✓ CC (Closed Caption) for SDI and CVBS Interfaces
- ✓ AC3 pass through for SDI Interface
- ✓ Front panel LCD monitor
- ✓ Web Management, NMS/SNMP Network Management

BLANKOM IRD-6100 is a professional IRD for broadcasters with DVB-S/S2 tuner, GigE IP and ASI inputs.

It has a CAM slot and embedded BISS decryption utility. HD/SD-SDI, YPbPr, HDMI and CVBS outputs are supported.

The BLANKOM IRD-6100 is a new design IRD with LCD video monitor equipped on the front panel.

It can receive signals from DVB-S/S2 tuner (DVB-C, DVB-T/T2, DMB-T, ISDB-T and ATSC-T optional), ASI and IP sources.

After de-multiplexing and de-encryption with CAM module, it gives content out through ASI, IP as well as various video/audio interfaces.

Its video/audio outputs support professional HD/SD-SDI, YPbPr, HDMI, stereo balanced audio, stereo unbalanced audio and S/PDIF digital audio and CVBS, which can greatly satisfy the professional users' needs.

With the CAM/CI slot, IRD-6100 can support one channel (Tuner, ASI or IP) de-scrambling and give transparent signal output.

The user can operate the device by using front panel LCD or NMS/SNMP software or Web-based NMS.

Technical specifications:

Function	Broadcast grade IRD with DVB-S/S2 tuner, IP & ASI inputs
INPUT	DVB-S/S2 tuner (DVB-C/DMB-T/DVB-T/ ISDB-T/ATSC-T / DVB-T2 optional)
	IP input (100M, RJ45 Port) UDP, RTP/RTSP
	1x ASI input (supports 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 10/100M
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	IP 1x MPTS / 32x SPTS over UDP, 1000M Ethernet interface (UDP unicast / multicast), RTP/RTSP
ASI	4x ASI output, BNC interface
Audio	Stereo unbalanced audio: BNC interface
	Stereo balanced audio: XLR interface
	Digital audio: SPDIF
SYSTEM	
Control	Management: front panel (LCD + Keyboard); Network (NMS/SNMP); Web-based NMS Management Ethernet port for CPU/FPGA upgrade USB port for decoder upgrade
Monitor	LCD Monitor on the front panel for decoded video
GENERAL	
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)

