



IRD DECODER DVB-S/S2

Model Type: IRD3565A

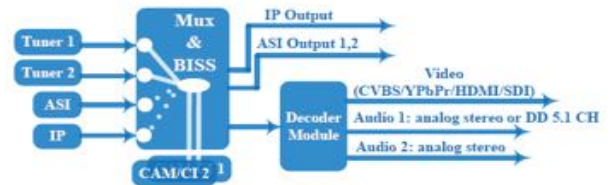
IRD3565A DVB-S/S2 HD IRD is an all-in-one device which integrates demodulation, de-scrambler, re-mux and decoding in one case to convert RF signals into audio/video (CVBS/YPbPr/HDMI/SDI) output.

It is a 1RU case which supports 2 tuner inputs to receive signal from satellite. The two CAMs/CIs accompanied and BISS modules can descramble the programs input from encrypted RF, ASI and IP. Its pluggable structure design greatly facilitates the change of modules (demodulator or decoder) as needed.

To meet customers' various requirements, NDS3565H is also equipped with ASI and IP input for re-mux, and output with 2 ASI ports and IP port.

Key Features:

- Demodulation+descrambler +re-mux+decoder modules in one box
- 2 DVB- S/S2 Tuner inputs
- 1 ASI & 1 IP (UDP) input for re-mux
- One CAM can decrypt multiple programs from Tuners/ASI/IP
- Support BISS descrambling (Up to 120Mbps)
- One channel video output with various interface option (MPEG2/H.264)
- Dual stereo audio output, or one DD 5.1 channel output
- Support Dolby Digital AC3 Decoding and pass through
- IP (1 MPTS & 8 SPTS) over UDP and RTP/RTSP output; ASI out
- Support CC, Subtitle and Teletext
- Support maximum 128 PID mapping per input
- Pluggable and changeable demodulator and decoder modules
- LCD display, Remote control and Firmware, web NMS management
- Updates via web



ISO 9001:2015



GENERAL SPECIFICATION

Input	2 x DVB-S/S2RF, F type	
	1xASI input for re-mux, BNC interface	
	1xIP input for re-mux (UDP)	
DEMODULATING SECTION DVB-S		
Input Frequency	950-2150 MHz	
Symbol Rate	2-45 Msps	
Signal Strength	-65 -25 dBm	
Constellation	1/2, 2/3, 3/4 5/6, 7/8 QPSK	
DVB-S2		
Input Frequency	950-2150 MHz	
Symbol Rate	2-45 Msps	
Signal Strength	-65 -25dBm	
Constellation	1/2, 2/3, 3/4, 5/6, 7/8 QPSK	
DESCRAMBLING		
CAM/CI Quantity	2	
BISS Mode	Mode 1, Mode E; up to 120 Mbps	
OUTPUT		
IP Output	1*MPTS & 8*SPTS over UDP, RTP/RTSP 100Base-T Ethernet Interface (unicast / multicast)	
2xASI	BNC interface, mirrored out	
Decode Output	Video Interface	1xCVBS/YPbPr/HDMI/SDI
	Resolution	480i 480p, 576i, 576p, 720p, 1080i, 1080p
	Video decode	MPEG-2; H.264
	Audio Interface	2 x Stereo/4xmono HDMI, SDI
	Audio Decode	MPEG 1 Layer II, LC-AAC, HE-AAC, Dolby Digital AC3
	Audio Output Mode	Left, Right, Stereo, 5.1 CH
SYSTEM		
Local Interface	LCD + control buttons	
Remote Management	Web-server Management	
Language	English	
Upgrade	USB web management	
GENERAL		
Power Supply	AC 100V ~ 240V	
Dimensions	482*300*44.5 mm	
Weight	3 Kgs	
Operation Temperature	0 ~ 45 °C	