



ADV-8702 is a professional 2-Channel IRD / IPTV Gateway with powerful functionality. It is equipped with 2 tuners, with choice of DVB-C, DVB-T/T2, DVB-S/S2, ATSC to receive signal from satellite, cable or terrestrial devices.

It also supports digital TS input via both IP and ASI inputs.

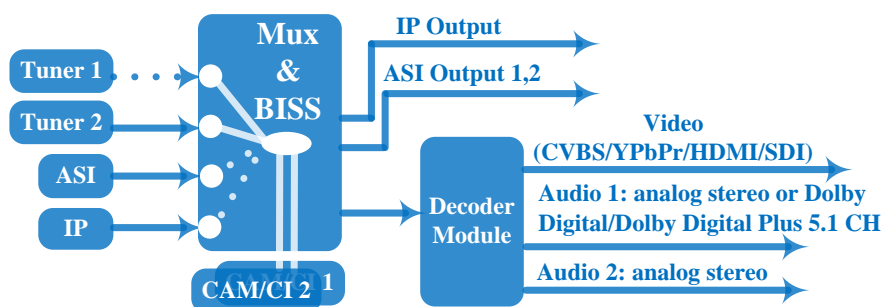
The ADV-8702's re-multiplexing capabilities enable creation of new transport streams by combining existing sources. Customized services may be output as multiple SPTS or MPTS over IP, as well as over 2 ASI ports. Through the dual DVB common interfaces, ADV-8702 has the capability to decrypt multiple services present in transport streams.

BISS decryption is also supported.

ADV-8702 is also a professional IRD that features a broadcast quality decoder for MPEG-2 and MPEG-4 AVC/H.264, in both Standard Definition and High Definition formats, and provides a variety of industry standard digital and analog outputs, including SDI, HDMI, CVBS, YPbPr video, and Analog Stereo and Dolby Digital / Dolby Digital Plus audio.

Key Features

- **Demodulation + descrambler + re-mux + decoder modules in one box**
- **Choice of two DVB-C, DVB-T/T2, DVB-S/S2, ATSC tuners**
- **1 ASI & 1 IP (UDP) input for re-mux**
- **Two CAMs, each can decrypt multiple programs from Tuners/ASI/IP**
- **BISS descrambling**
- **MPEG2 and MPEG4 AVC/H.264 decoding**
- **Two stereo audio pairs output, or one Dolby Digital/Dolby Digital Plus (5.1) output (for HDMI/SDI out)**
- **Dolby Digital/Dolby Digital Plus Decoding and passthrough**
- **IP (1 MPTS & 8 SPTS) over UDP and RTP/RTSP output (unicast/multicast)**
- **Two ASI outputs**
- **CC, Subtitle and Teletext**
- **Maximum 128 PID mapping per input**
- **LCD display, front panel and remote control, web NMS management**



Specifications

Input	
2 x Tuner, F type	
1xASI input for re-mux, BNC interface	
1xIP input for re-mux (UDP)	
Demodulation	
DVB-C	
Standard	J.83A(DVB-C), J.83B, J.83C
Input Frequency	30 MHz~1000 MHz
Constellation	16/32/64/128/256 QAM
DVB-T/T2	
Input Frequency	30MHz ~999.999 MHz
Bandwidth	6/7/8 M bandwidth
DVB-S	
Input Frequency	950-2150MHz
Symbol rate	1-45Msps
Signal Strength	- 65- -25dBm
Constellation	1/2, 2/3, 3/4, 5/6, 7/8 QPSK
DVB-S2	
Input Frequency	950-2150MHz
Code rate	1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
Constellation	QPSK, 8PSK, 16APSK, 32APSK
Symbol rate	QPSK 1~45 Msps; 8PSK 1~45 Msps; 16APSK 1~45 Msps; 32APSK 1-32 Msps
ATSC	
Input Frequency	54MHz~858MHz
Bandwidth	6M bandwidth
Descrambling	
CAM/CI Quantity	2
BISS Mode	Mode 1, Mode E; up to 120Mbps
Output	
IP Output	1*MPTS & 8*SPTS over UDP, RTP/RTSP. 100Base-T Ethernet interface (unicast / multicast)
2xASI	BNC interface, mirrored out
	Video Interface: 1xCVBS/YPbPr/HDMI/SDI Video Decode: MPEG-2; MPEG4 AVC/H.264 Resolution: 480i, 480p, 576i, 576p, 720p@50/59.94/60, 1080i@50/59.94/60
Decode	Chroma: 4:2:0
Output	Audio Interface: 2 x Stereo/4xmono, HDMI, SDI Audio Decode: MPEG 1 Layer II, LC-AAC, HE-AAC, Dolby Digital/ Dolby Digital Plus Audio Output Mode: Left, Right, Stereo, 5.1 CH (for HDMI/SDI out only)
System	
Local interface	LCD + control buttons
Remote management	Web-server Management
Upgrade	USB, web management
General	
Power supply	AC 100V~240V
Dimensions	482*300*44.5mm
Weight	3.5 kgs
Operation temperature	0~45°C

Ordering Info

ADV-8702S – 2-Channel IRD with 2 DVB-S/S2 tuners

ADV-8702A – 2-Channel IRD with 2 ATSC (8-VSB) tuners

ADV-8702T – 2-Channel IRD with 2 DVB-T/T2 tuners

ADV-8702C – 2-Channel IRD with 2 DVB-C tuners