



ADV-8702 is a professional IRD / IPTV Gateway with powerful functionality.

It is equipment with 2 tuners, with choice of DVB-C/T/T2/ISDBT, DVB-S/S2/S2X, ATSC, to receive signal from satellite, cable or terrestrial devices.

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

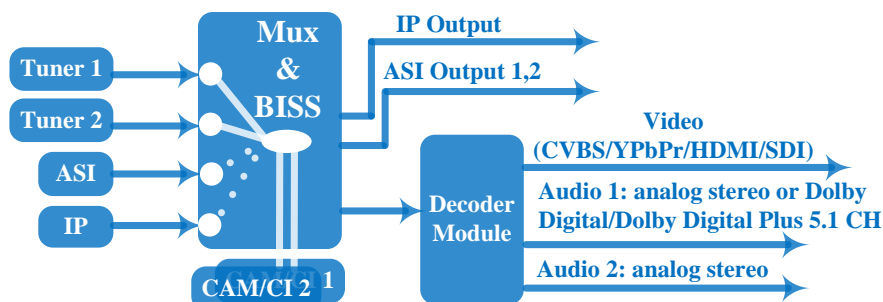
The ADV-8702's re-multiplexing capabilities enable creation of new transport streams by combining existing sources. Customized services may be output as multiple SPTS or MPTS over IP, as well as over 2 ASI ports. Through the dual DVB common interfaces, ADV-8702 has the capability to decrypt multiple 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/T/T2/ISDBT, DVB-S/S2/S2X, ATSC tuners**
- **1 ASI & 1 IP (UDP) input for re-mux**
- **Two CAMs, each can decrypt multiple programs from Tuners/ASI/IP**
- **BISS descrambling**
- **HD/SD 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 and Subtitle**
- **Maximum 128 PID mapping per input**
- **LCD display, front panel and remote control, web NMS management**



Specifications

Input	2 Tuners, F type		
	1 ASI input, BNC interface		
	1 IP input (UDP)		
RF input	DVB-C	Standard	J.83A(DVB-C), J.83B, J.83C
		Input Frequency	60~890 MHz
		Constellation	16/32/64/128/256 QAM
	DVB-T/T2	Input Frequency	60~890 MHz
		Bandwidth	6/7/8 M
	ISDBT	Input Frequency	60~890 MHz
	DVB-S	Input Frequency	950-2150MHz
		Symbol rate	0.5-45Msps
		Signal Strength	-65 ~ -25dBm
		FEC	1/2, 2/3, 3/4, 5/6, 7/8
		Constellation	QPSK
		Max input bitrate	≤160 Mbps
	DVB-S2	Input Frequency	950-2150MHz
		FEC	1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
		Constellation	QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 16APSK: 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 32APSK: 3/4, 4/5, 5/6, 8/9, 9/10
Symbol rate		QPSK/8PSK/16APSK: 0.5~45 Msps; 32APSK: 0.5-40 Msps	
Max input bitrate		≤160 Mbps	

	DVB-S2X	Input Frequency	950-2150MHz
		FEC	QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10, 13/45, 9/20, 11/20 8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 8APSK: 5/9-L, 26/45-L 16APSK: 2/3, 3/4, 4/5, 5/6, 8/9, 9/10, 1/2-L, 8/15-L, 5/9-L, 26/45, 3/5, 3/5-L, 28/45, 23/36, 2/3-L, 25/36, 13/18, 7/9, 77/90 32APSK: 3/4, 4/5, 5/6, 8/9, 9/10, 2/3-L, 32/45, 11/15, 7/9
		Constellation	QPSK, 8PSK, 8APSK, 16APSK, 32APSK
		Symbol rate	QPSK/8PSK /16APSK :0.5~45 Msps 8APSK/32APSK: 0.5~40Msps
		Max input bitrate	≤160 Mbps
	ATSC	Input Frequency	54MHz~858MHz
	Bandwidth	6M	
Descrambling	CAM/CI Quantity	2	
	BISS Mode	Mode 0, Mode 1, Mode E; up to 120Mbps	
Output	IP output	1*MPTS & 8*SPTS over UDP, RTP/RTSP, unicast/multicast 100 Base-T Ethernet interface	
	2 ASI	BNC interface, mirrored out	
	Decode Output	Video Interface: HD/SD-SDI/HDMI/CVBS/YPbPr Number of channels: 1 Video Decoding: HD/SD MPEG-2; MPEG4 AVC/H.264 Resolution:1080i@50/59.94/60, 720p@50/59.94/60; 480i, 480p, 576i, 576p Chroma: 4:2:0 Audio Interface: HDMI, SDI, BNC, XLR Number of channels: 2 stereo/4 mono Audio 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)	
System	Local interface	LCD + control buttons	
	Remote management	Web-server Management	
	Upgrade	USB, web management	
General	Power supply	AC 100V~240V, 50/60Hz, 20W	
	Dimensions	482*300*44.5mm	
	Weight	3.5 kg	
	Operational temperature	0~45°C	

Ordering Info

- ADV-8702S – Professional IRD with 2 DVB-S/S2/S2X tuners**
- ADV-8702A – Professional IRD with 2 ATSC (8-VSB) tuners**
- ADV-8702T – Professional IRD with 2 DVB-C/T/T2/ISDBT tuners**