

INGRON 1351H DVB-S2 to AV HD Professional IRD



Features

- Tuner input mode in DVB-S/S2
- MPEG-2/H.264 digital video decoding
- Audio decoding in MPEG-1 Layer II, AAC, AC3
- Output in 1*HDMI/1*CVBS/1*YPbPr, IP and ASI
- 1*DVB-CI slot and 1*CAM, for multi-program decryption
- BISS-1 and BISS-E decryption modes supported
- IP output in 1*MPTS, UDP protocol
- Built-in de-modulation, descrambling, and decoding modules
- Monitoring working state by web NMS
- Software upgrading via web
- Easy-operation by LCD and keyboard on front panel

Specifications

Tuner Input

DVB-S/S2 Mode	Connector Type	1*F type female, 75Ω for input; 1*F type female, 75Ω for loop through output
	Input Frequency	950 ~ 2150 MHz
	Symbol Rate	1 ~ 45 MBaud (for DVB-S, QPSK); 2 ~ 30 Mbaud (for DVB-S2, QPSK/8PSK)
	Code Rate	1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
	Constellation	QPSK, 8PSK

DVB-CI Module

Descrambling Processing	DVB-CAS
Smart Card Interface	ISO7816
Interface Card Separation	PCMCIA
BISS Mode	BISS-1, BISS-E

Output

ASI Output	Number	2*ASI
	Standard	EN 50083-9 ASI
	Output Bit Rate	Max. 54 Mbps
	MPEG Frame	188/204 byte
	Reflection Loss	>10 dB
	Connector Type	75 Ω, BNC interface
IP Output	Transport Protocol	TS over IP output, UDP protocol
	Connector Type	RJ45, 10/100M Base-T
	Mode	Multicast/Unicast
	Output TS	1*MPTS
Video Output	Interface	1*HDMI / 1*CVBS(RCA) / 1*YPbPr
	Resolution	480i, 480P, 576i, 576P, 720p@50, 720p@60; 1080i@50, 1080i@60; 1080p@50, 1080p@60
	Video Decoding	MPEG-2, MPEG-4 AVC/H.264

Audio Output	Stereo Unbalanced Audio	1*Stereo/Mono(RCA) / 1*HDMI
	Audio Decoding	MPEG-1 Layer II, LC-AAC, HE-AAC, AC3, DRA

Management

Local Control	by keyboard or LCD on front panel
Upgrading	by Ethernet software interface
Remote Control	by web management
Language	English

General

Voltage	12V DC
Power Consumption	10.0 W
Environment	0~45°C (Operation), -20~80°C (Storage)
Dimension (W*D*H)	312*165*43 mm
Net Weight	1.5 KGS

Introductions

INGRON 1351IH DVB-S/S2 to A/V HD Professional IRD is a new item designed especially for DVB-S/S2 input signal decoding. It accepts DVB-S/S2 RF input, demodulates and descrambles it and finally decodes the signal to HDMI, CVBS or YPbPr for output. The smart appearance and unit is also configured with 1*CAM and 1*CI slot, which supports BISS decryption. INGRON 1351IH outputs in max. 1*HDMI/1*CVBS/1*YPbPr, 2*ASI and IP(1*MPTS, UDP protocol, unicast or multicast). The device is a cost-effective and high-performance item, which is quite a good option for satellite signal collection, regional broadcasting and re-distribution, etc..

Diagram

