

INTEK DIGITAL, Inc.

HD Digital Receiver HD MPEG4 H.264



GENERAL FEATURE

- ◆ **Powerful combination of ST-7105 hardware and firmware based on OS21**
- ◆ **HDTV Support**
- ◆ **IEC958 Digital audio output interface (S/PDIF)**
- ◆ **Teletext Subtitles**
- ◆ **USB PVR Ready**
- ◆ **MPEG-4 HD/H.264 Supported**
- ◆ **Format resolution : 1080p, 1080i, 720p, 576p**
- ◆ **Time Shift**

HARDWARE SPECIFICATIONS

TUNER & CHANNEL		System DDR SDRAM	64 Mbyte (Optional Expand)
Input Frequency	47~870 MHz	EEPROM	8Kbyte
Input connector	IEC Female (RF IN), IEC Male (RF OUT)	A/V & Interfaces	
IF Frequency	36.125 MHz	Digital output (HD)	HDMI(TMDS main video output)
FEC Mode rate	1/2,2/3,3/4,5/6,7/8		YPbPr
Demodulation	QAM	TV & RCA (SD)	Video : CVBS / RGB output
Constellation	16, 32, 64, 128 and 256 QAM		Audio : L/R output
QAM System Clock	28.92Mhz	Digital Audio output	Dolby Digital AC-3 Decoding output
Power Supply			Digital Audio Bit stream output (S/PDIF)
Input Voltage	AC100-250V~,50/60Hz	S-Video	Video : S-Video output
MPEG TS A/V Decoding		RS-232C	Transfer rate 115.2Kbps, 9 pin D-sub type
Transport Stream	MPEG-2 ISO/IEC 1318-1	PVR Ready	USB2.0 High speed host controller
Profile Level	MPEG-2 MP@ML MPEG-2 MP@HL, MPEG-4 AVC/H.264 HP@L4		
Aspect Ratio	4:3, 16:9, Letter Box	Conditional Access System	
Video Resolution	1080p, 1080i, 720p, 576p or 576i	Smart Card	1 Smart card Reader for Embedded CAS like
Audio Decoding	MPEG-1, Musicam Layers 1 & 2		Conax CAS 7
Audio Mode	Single channel/Dual channel/Joint Stereo/Stereo	Physical Specification	
Sampling Rate	32,44,1& 48KHz	Size (W x H x D)	250 x 154 x 44mm
System Resources		PVR Ready	USB2.0 High speed host controller
Main Processor	ST40 CPU core: 266MHz(STi7105)		
Flash Memory	4 Mbyte (Optional Expand)		
Video DDR SDRAM	64 Mbyte (Optional Expand)		