

Window to the digital world

HYUNDAI DIGITAL TECHNOLOGY

Irdeto Conditional Access System



Digital Satellite Receiver

HSS-1000 IR

Irdeto Conditional Access System with Common Interface

CAS Compatibility
Common Interface
Multi Function

Friendly User Interface
Flexibility

Easy Installation

- DVB/MPEG-2 Compliant
- Irdeto Smart Card Slot
- 2CI Slots for Irdeto/Viaccess/Conax/Cryptoworks/Nagravision and more
- Extended EPG (Electronic Program Guide)
- Supports Teletext by VBI insertion
- Letter Box for 4:3 Ratio TV Set
- Multi Language
- Easy Menu Structure
- Software Downloading via ASTRA(TBD)
- Software Upgrading through RS-232C (Set to Set, PC to Set)
- Automatic Channel Search
- N.I.T (Network Information Table) Search

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Digital Satellite Receiver

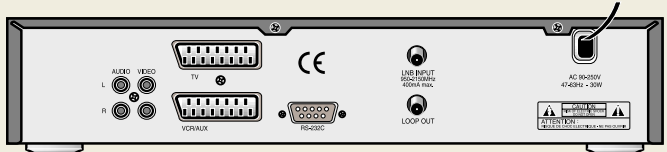
HSS-1000IR

Irdeto Conditional Access System
with Common Interface



HSS-1000IR Specification

CAS	Irdeto	1 Smart Card Slot
	PCMCIA	2 Slots Common Interface
CORE HARDWARE	CPU	32bit RISC processor
	Flash ROM	3Mbyte
	SDRAM	4Mbyte
	EEPROM	2Kbyte
Tuner & Channel	Input Connector	F-Type, IEC 169-24Female
	Frequency Range	950MHz to 2150 MHz
	Input Impedance	75 Ω unbalanced
	Signal Level	-25 to -65dBm
	IF Frequency	Zero I/F
	LNB Power & Polarisation	Vertical:+14V Horizontal:+18V Current:max. 500mA Overload Protection
	22KHz Tone	Frequency:22 \pm 4KHz Amplitude:0.6 \pm 0.2v
	DiSeqC	Version 1.0 & 1.2 Compatible
	Demodulation	QPSK
	Input Symbol Rate	2 -45 Ms/s
	FEC Decoder	Convolutional Code Rate 1/2, 2/3, 3/4, 5/6 and 7/8 with Constraint Length K=7
MPEG Transport Stream A/V Decoding	Transport Stream	MPEG-2 (ISO/IEC 13818) Transport stream Specification
	Profile Level	MPEG-2 MP@ML
	Input Rate	Max. 15Mbit/s
	Aspect Ratio	4:3, 16:9
	Video Resolution	720 \times 576
	Video Decoding	MPEG Layer I & II
	Audio Mode	Single channel/Dual channel Joint stereo / Stereo
	Sampling Rate	32, 44.1 and 48KHz



The specifications and design of the product may be changed without any prior notice

A/V & Data In/Out	TV SCART	Video Output(CVBS, RGB, S-VHS) Audio Output
	VCR SCART	Video Output(CVBS) Video Input(CVBS, RGB) Audio Output
	Video	RCA/Cinch, Video Output(CVBS)
	Audio R/L	RCA/Cinch, Volume and Mute Control (16 bits DAC, Max.2Vrms)
	RS-232C	Transfer rate 115Kbps 9pin D-sub Type
Power Supply	0/12V or SPDIF	0/12V or Digital Audio Output, RCA Cinch
	Input Voltage	90 to 264 VAC, 47-63Hz
	Type	SMPS
	Power Consumption	Max.35W
	Standby Power	\leq 9W
RF Modulator(option)	Protection	Separate internal fuse (The input shall have lightning protection)
	RF-Connector	75 Ω ,IEC 169-2, Male/Female
	Frequency	470MHz to 860 MHz
	Output Channel	CH21-69 for the Remodulator
	TV standard	PAL B/G/I selectable by Menu
Physical Specification	Preset Channel	CH36(or TBD), Software changeable by Menu
	Size(W \times H \times D)	335 \times 58.5 \times 267mm
	Weight(Net)	2.8kg



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