

HSR1-30

PENTEL

MPEG-4 HD Digital Satellite Receiver

High Definition H.264 Zapper
Embedded major Conditional Access
PVR Ready via USB



■ Features

MPEG-2 and H.264 (MPEG-4 Part 10) decoding
DVB-S/S2 Compliant
Simple and easy installation
Now and Next and 7days EPG
Teletext and subtitle using OSD

DiSEqC 1.2 Compatible
Favorite Channel List
GUI display for major languages
Software upgrade via OTA
PVR Ready via USB

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MPEG-4 HD Digital Satellite Receiver



■ Technical Specification

Tuner & Band Switching

Frequency Range	950 - 2150MHz
Input Impedance	75 Ohm Unbalanced
Connector	F type, IEC 169-24, Female
Signal Level	-60 ~ -25dBm
LNB Power supply	13/18V/off, 500mA Max with short circuit protection
22KHz Tone	Frequency : 22KHz Amplitude : 0.6±0.2V
DiSEqC Control	Version 1.0/1.2

Demodulation

Waveform	QPSK, 8PSK
Symbol Rate	1 - 45MS/s
FEC Decoder	DVB-S : 1/2, 2/3, 3/4, 5/6, 7/8 DVB-S2 : 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10

A/V Decoding

Transport Stream	MPEG-2 ISO/IEC 13818-1
Profile Level	MPEG-2 MP@ML, MPEG-2 MP@HL H.264 MP@L3, H.264 MP@L4, H.264 HP@L4
Video Format	4:3, 16:9
Video Resolution	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Audio Decoding	MPEG-1 layer I and II, MP3, Dolby digital
Audio Channel	Single, Dual Mono, Stereo, Joint Stereo

Front panel

Button	7 Buttons
Display	7 Segment
Smart card slot	1 slot

Main System

CPU	612MIPS X 2(Performance)
Flash Memory	8Mbyte
DDR	256Mbyte
EEPROM	32KByte

Security

CAS	Conax Irdeto Viaccess Nagra Other CA
Copy protection	HDCP

A/V & Data output

TV SCART	Video out (CVBS, RGB), Audio out (L&R)
RCA	Video, Audio L/R
S/PDIF	Digital Audio Output
HDMI 1.4	Digital A/V output with HDCP
USB	1

Power Supply

Input Voltage	AC 95 to 240V, 50/60Hz
Type	SMPS
Power Consumption	Max. 25W

Physical Specification

Dimension	250mm(W) x 180mm(D) x 53mm(H)
Net weight	1.5Kg
Operating Temperature	0°C ~ +45°C
Storage Temperature	-10°C ~ +70°C

* Features and Specifications are subject to change without notice.