

FEATURES & SPECIFICATIONS



Pansat® 9200 HD

**HIGH DEFINITION
SATELLITE & TERRESTRIAL RECEIVER**

1. Main Features

Standard Definition/High Definition contents (MPEG2 and support MPEG4 AVC/H.264)

High Definition Video output : HDMI(HDCP) and Component (YPbPr)

Audio decoding :ISO/IEC13818-3(MPEG-2 audio/MUSICAM) Dolby AC-3

Full compliant of MPEG-S Digital & DVB Broadcasting

950-2150 MHz Input Frequency (IF Loop Throughout)

Satellite Scan - Simultaneous Scan with 10 satellites

Flexible reception of SCPC & MCPC from C/Ku-Band satellites

Variable Input Symbolrate (1-45 Msps)

Video output resolution: 480p,720p,1080i

User selectable output resolution

EPG (Electronic Program Guide)

Multi Language OSD

Fast channel change

10000 channels TV & Radio program

Timer Function (Automatic turn On/ Off by setting function)

RTC (Real Time Clock)

PIG (Picture In Graphic)

5 Favorite list & Unlimited programs per each

Powerful channel editing function

- Sorting: Alphabetic, Satellite, Parental Lock, CAS, S-ID, TP order, All

- Move, Delete, Favorite Edit

- Parental Lock, Channel Rename, Channel Skip

Manual PID / Satellite & TP / Network Scan

S/PDIF (Digital Audio or Dolby AC3 stream out)

DiSEqC 1.2 and USALS compatible

Comparable of setting the frequency for SMATV system

Universal II Remote

Integrated USB 2.0 (Host), support to USB memory stick

UHF Ready (U-30 kit optional)

DVB-S2 Ready (S2 Tuner Kit Optional)

Smart Scan

2. Specifications



9200 HD

Front-End

1 Input Connector	F-type, IEC 169-24
IF Input Frequency	950MHz to 2,150MHz
IF Loop Throughout	950MHz to 2,150MHz
Input Level	- 65 dBm ~ - 25 dBm
LNB Power	13 / 18VDC / 500mA Max
DiSEqC Control	1.0, 1.2 & USALS Compatible
Bandwidth	22KHz Tone (22 +/- 4KHz. Amplitude : 0.6 +/- 0.2V)
Modulation Method	LDPC/BCH(DVB-S2) 8PSK/QPSK (Option) DVB-S QPSK
Symbol Rate	LDPC/BCH(DVB-S2) 8PSK/QPSK : 10-30Msps (Option) DVB-S QPSK : 1-45Msps
Viterbi Decoding Rate	1/2, 2/3, 3/4, 5/6 and 7/8
Bandwidth	36MHz
LDPC/BCH	Punctured Code. 1/2, 2/3, 3/4, 3/5, 4/5, 5/6, 8/9 9/10 in DVB-S2
Terrestrial Tuner	ATSC A/53 compliant 8/16VSB and MMDS 2/4/8VSB receiver ITU-U J.83 Annex B/C, SCTE DVS-031 compliant 64/256QAM receiver

MPEG transport Stream A/V Decoding

Demultiplex	According to ISO/IEC 13818-1(MPEG-2 system)
Input stream	Max. 90Mbit/s
Aspect Ratio	4:3(default), 16:9 letterbox
Video Decoding	ISO/IEC 13818-2(MPEG2 video) MP@HL, ISO/IEC 14496-10 HP@L4
Video Resolution	480p or 720p, 1080i
Audio Decoding	ISO/IEC 13818-3(MPEG2 Audio/MUSICAM), Dolby AC-3
Audio Mode	Single Channel/Dual Channel, Stereo, Joint Stereo
Video Output	HDMI/HDCP, RCA

Microprocessor & Memories

Main Processor	ARM926
CPU Clock	280MIPS
Flash Memory	8 Mbyte
SDRAM	128 Mbyte
EEPROM	32 Kbit

Data port

Connector	9 Pin D-Sub Type
Protocol	RS232 Asynchronous
Data Rate	Max. 19.2Kbps 115.2K

A/V output

Digital output	HDMI/HDCP, YPbPr
Video RCA	1 output
Audio RCA	2 output
Digital Audio	1 optical output S/PDIF

Front Panel

Smart Card Slot (Optional)	1 Embedded Slot
4 Digits LED	Channel Number Display
8 keys	Power, Channel Up/Down, Volume Up/Down, Menu, Exit, OK
USB	USB2.0 Host

Rear Panel

IF Input	F-type Connector
IF Loophrough output	F-type Connector
6RCA	Video, Audio L, Audio R, YPbPr
Modulator	F-type
S/PDIF	Optical
S-Video	
HDMI	Type A
RS232 Serial Port	9 Pin D-Sub Type
UHF Optional U-30 Kit Signal In	ATSC RF Signal Input
eSATA Port	For External HDD

Remote Control

Type	Universal Remote
Battery	2x1.5V AAA Type

Electrical and Mechanical

Input Voltage	AC 90-250V, 50/60Hz
Power Consumption	Max. 45 Watts
Size(WxDxH)	340x245x65mm
Weight	2.5kg