

Leading You to the

DIGITAL ERA



*DSR 9000 CI*



*Digital Satellite Receiver*



*DSR 9000  
Free-To-Air*

**Features :**

- MPEG 2 Digital & Fully DVB Compliant*
- MPEG 2 Video (MP@ML), MPEG-1 Audio Layer 1, Layer 2*
- User Friendly Software Menu*
- SPDIF Digital Bitstream Output Audio*
- CI model with 2 Slot Common Interface supports the following CAM*
  - IRDETO, Viaccess, Conax, Nagravision, Mediaguard and CryptoWorks*
- Favorite Channels 1000 Transponders*
- Easy Installation and Set Up*
- On Screen Picture on Electronic Program Guide (EPG)*
- Teletext and Subtitle Supported (VBI and OSD)*



[www.pacificsatellite.com](http://www.pacificsatellite.com)

# PACIFIC SATELLITE

## DSR 9000CI / DSR 9000 FTA

### Digital Satellite Receiver + CI (2 slot)

**STi5518**  
**Version**

#### SPECIFICATIONS:

##### RF

Input Frequency : 950 to 2150 MHz  
Input Power Range : -25 to -70 dBm  
Input Connector : F Type  
Output Connector : F Type  
AFT/AFC Range : +/-3 MHz  
De-modulation : QPSK  
FEC : AUTO, 1/2, 2/3, 3/4, 5/6, 7/8  
Symbol Rate : 2 to 45 MS/s  
Eb/N o Performance : Exceeds DVB rec.

##### Optional CAM Slot :

Dual CAM Slots (Type I or Type II) Support  
IRDETO, VIACCESS, CONAX,  
CRYPTOWORKS, NAGRAVISION,  
MEDIAGUARD.

##### VIDEO

Connector : RCA, TV & VCR SCART & S-VIDEO  
TV Standard : Auto PAL/NTSC accord to  
Source  
Decoding : ISO/IEC 13818-2, 11172-2  
Aspect Ratio : 4:3, 16:9  
Active Pixel : 720 x 576 maximum  
Output Level : 1Vpp +/-10%  
Bandwidth : 100Hz to 5MHz +/-2dB  
S/N : 55 dB min  
C/L Delay : +/- 75 nS  
DG : 5% max  
DP : 5° max  
Line Time Distortion : 3% max  
Field Time Distortion : 5% max

##### AUDIO

Connector : RCA, TV & VCR SCART  
Peak Output Level : 2.0Vrms into 600ohm  
THD : <0.3% maximum  
Frequency Response : <2dB (15Hz to 20kHz)  
Decoding : ISO/IEC 11172-3 MPEG 1 Layer I  
II, ISO/IEC 13818-3 MPEG 2 Layer I & II  
Audio Mode : Stereo/Mono-L/Mono-R  
Sampling Frequency : 32, 44.1, 48 kHz

##### RF PLL MODULATOR

RF Output CH : EURO UHF 21 to 69  
Output Level : 70dBuV  
Audio System : PAL I/G/K, NTSC M selectable  
Antenna Input : 47 to 862 MHz  
Output Impedance : 75 ohm

##### LNB POWER & CONTROL

LNB Power : 13/18V, 500mA with short  
circuit protection  
22kHz Tone Switch : 22 +/- 2kHz 0.6Vpp  
DiSEqC : 1.0, 1.1 & 1.2 Positioner

##### DATA

SPDIF Digital Audio Output (16 BIT):Dolby AC3,  
MPEG BitStream  
RS232 : 9 pin D-SUB, Female, Baud Rate 9600 ~  
115200

##### FRONT PANEL KEYS : 4 Keys

Keys : Power, Channel Up/Down, TV/Radio

##### FRONT PANEL DISPLAY

7-Segement : 4 digit  
POWER LED : Light up when in Standby  
SIGNAL LED : Light up when get the signal  
TV/RADIO LED : Light up when in TV mode

##### POWER SUPPLY

Input Voltage : 90 to 275 VAC +/-10%  
Input Frequency : 50/60 Hz  
Input Rating : 1.5A maximum  
Power Consumption : 40W maximum, <13W Standby

##### WEIGHT & DIMENSION

3kg approx, 375 (w) x 270 (d) x 60 (h) mm



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