

2. PRODUCT INFORMATION

2.1 Equipment Description

The Equipment Under Test(EUT) is the Global Technologies Inc. Digital Satellite Receiver, Model : 3500S.

2.2 General Specification

- Chassis Type : Metal
- List of Each OSC. Or X-Tal. Freq.(≥1MHz) : 27.00 MHz

Embedded smart card slot 1 Smart Card Reader		RF Modulator Connector IEC 169-24 Male / Female Frequency CH 3 (61.25MHz) CH4 (67.25 MHz) CH 3-4 TV Standard NTSC Preset Channel CH3, Changeable by Menu Screen	
SD-CARD Interface 1 SD-Card compatible memory card slot (Note : MMC CARD may be also interfaced)			
Front-End 2 Input Connector F-type, IEC 169-24 IF Input Frequency 950MHz TO 2150MHz IF Loop throughout 950MHz TO 2150MHz IF Frequency Zero-IF Input Level -65 dBm~ -25dBm LNB Power 13/18VDC / 500mA Max DiSEqC Control Version 1.3 Compatible Band Switching 22KHz Tone Demodulation QPSK System Rate 1~45 Msps (SCPC, MCPC) Viterbi Decoding Rate 1/2, 2/3, 3/4, 5/6, 7/8 Reed Solomon Decoding FEC: 204, 188, t=8 DiSEqC 1.3 Compatible (STAB USALS)		Front Panel 4 Digits LED Display 8 Keys Channel Number Display Power, Channel Up/Down, Volume Up/Down, OK, Exit, Menu	
MPEG Transport Stream & A/V Decoding Demultiplex According to ISO/IEC 13818-1 Input Stream Max. 90Mbit/s Aspect Ratio 4:3, 16:9 Video Resolution 720 x 576(PAL), 720 x 480 (NTSC) Audio Decoding MPEG layer I and II Audio Mode Single/Dual Channel, Stereo, Joint Stereo Audio Sampling Frequency 16/22,05/24/32/44,1 48khz		Rear Panel IF Input F-type Connector IF Loopthrough output F-type Connector 6 Phone (Cinch) Video, Audio L, Audio R, YPbPr S/PDIF Optical Skew 3 Push Terminal (5V, GND, PULSE) S-VHS UHF Modulator RS232 Serial Port 9 Pin D-sub Type Y/Pb/Pr Digital Component Video Out	
Microprocessor & Memories Main Processor STI 5518 BVB, ST20 32 bit CPU Clock 81MHz(100 MIPS) Flash Memory 2 Mbyte SDRAM 16 Mbyte EEPROM 32 kbit		Remote Control Type Infra-red Battery (Carrier Freq : 38 KHz) 2 x 1.5V AAA Type	
Data Port Connector 9 Pin D-Sub Type Protocol RS232 Asynchronous Data Rate Max. 19.2kbps		Electrical and Mechanical Input Voltage AC90-250, 50/60Hz Power Consumption Max. 55 Watts Standby Power Less than 5 Watts Dimension 290 x 200 x 65 mm 2.1 kgs	