

2. PRODUCT INFORMATION

2.1 Equipment Description

The Equipment Under Test(EUT) is the Macro Image Technology, Inc. M/N:MVS-500
Please refer to Users manual

2.2 General Specification

- Antenna Input
 - : Input Frequency : 54MHz ~ 860MHz (VSB)
 - : Antenna Impedance : 75Ohms
 - : ConnectorType : IEC 169-2, Female, F type (VSB)
 - : Symbol Rate : 10.76 MS/s (VSB)
- Demultiplexer
 - : Stream Format : MPEG-2 Transport Stream
 - : Data Rates : up to 40 Mbps
 - : PID : Controls up to 32 PID
- Video
 - : Algorithm : HDTV : MPEG-2 Main Profile @ High Level
 - SDTV : MPEG-2 Main Profile @ Main Level
 - : Decoding Format : All of ATSC Digital TV Standards
 - : Display Format : HD : 1920*1080P, 1920*1080i, 1280*720P etc.
 - SD : 720*480P, 720*480i
- Audio
 - : Mode : Dolby AC-3, Dolby Pro Logic
 - : Sampling Rate : 32, 44.1, and 48kHz
 - : Frequency Response : 20Hz~20KHz, <+/-2 Db, 60Hz~18KHz, <+/-0.5 dB
- A/V Input
 - : Video Input Signal : Composite(480i), S-video(480i), Component(480i),
VGA (up to 1024*768P 60Hz), Component(DTV : 480p, 720p, 1080i)
 - : Video Connector : 1*RCA(composite), Mini-Din(S-video), 3*RCA
(component: 480i), DSUB-15(VGA), 3*RCA(component: DTV)
 - : Audio Input Signal : Analog 2 channels(L,R)
 - 4 Input(composite/s-video, component(480i),DSUB-15, component(DTV)
 - : Audio Connector : 2*RCA
- A/V Output
 - Video Output Signal : Analog : RGB(1 Vpp with 75 Ohms), YpbPr(2 Vpp with 75 Ohms)
 - Digital : DVI-D(TMDS)

Video Format : Analog : 480i, 480p, 720p, 768p, 1024p, 1080i, 1080p

Digital : 480p, 720p, 768p, 1024p, 1080i, 1080p

Video Connector : 5*BNC(Y/G,Pb/B,Pr/R,H,V), DSUB-15(RGBHV), DVI-D

Video Sync : 5*BNC(Tri/Bi-level sync on Y separate H & V)

Audio Output Signal : Analog : 2 channels (L,R)

Digital : S/PDIF (5.1-Ch. Dolby AC-3 or 2-Ch. PCM)

Audio Connector : Analog : 2*RCA,

Digital : Optical : Optical and Coaxial(1*RCA)

● Function

Free-to Air : Yes, Multi-Lingual : Yes, Screen Size : 16:9 / 4:3

On Screen Display : Yes, Channel Memory : Max.1,024

Firmware Download : RS232-C Port

● Memory

Flash Memory : 4Mbytes, DRAM : 8Mbytes, EEPROM : 32Kbytes

Frame Buffer Memory : 16Mbytes

● Power

Power : 100V~250V AC, 47Hz~63Hz

Power Consumption : 34W

Standby Power : <5W Consumption

Protection : Separate internal fuse

● Environmental

Condition

Operating Temperature : 0°C ~ +45°C

Storage Temperature : -10°C ~ +50°C

Operating Humidity : 10% ~ 85% RH Non condensed

Storage Humidity : 5% ~ 90% RH Non condensed

Weight : 3.6Kg

Dimension : 380mm * 275mm * 65mm