

TECHNICAL SPECIFICATION

Power requirements:	12V DC, nominal current 300mA Input is reverse polarity protected and fused at 500mA.
Operating Temperature:	-10°C to +60°C
Signal to Noise ratio:	Greater than 55dB
Bandwidth:	10 MHz at 6dB drop-off
Resolution:	1000 Lines Horizontal
Video Input:	PAL or NTSC composite video, 75ohms impedance, 1V peak- peak ± 6 dB.
Video Output:	PAL or NTSC composite video 1V peak to peak, 75ohms containing the selected window.

Specifications are subject to change without prior notice.

E & CE



PYSER-SGI LIMITED

MicroTest EV9 Image Enhancer

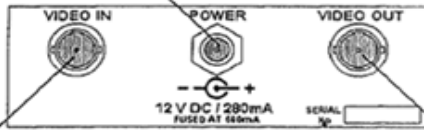
Instruction Manual



The MicroTest EV9 Image Enhancer is a digital signal processing device for improving the usability of video signals from pre-recorded or live sources.

PYSER-SGI EV9 IMAGE ENHANCER

POWER INPUT VIA 2.1mm TUBULAR CONNECTOR
10 - 18V, 300mA



SOURCE COMPOSITE VIDEO INPUT
FROM CAMERA, VCR OR OTHER DEVICE

COMPOSITE VIDEO OUT
TO MONITOR, VCR OR OTHER DEVICE

VIDEO IN

A standard BNC connector accepts composite video signals (NTSC OR PAL) from any source, (e.g. camera or VCR). The input is 75 ohms self-terminating.

POWER

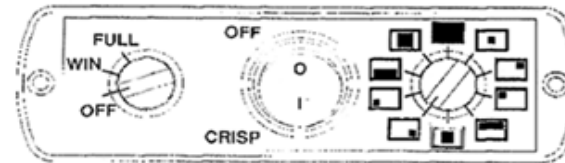
Power input is via 2.1mm tubular connector DC10-18V, 300mA.

VIDEO OUT

Composite video out to monitor (NTSC OR PAL DEPENDENT ON INPUT) or other device.

ROTARY SWITCH, SWITCHING
ENHANCEMENT OFF / ENHANCEMENT ON
RELATING TO WINDOW AND
ENHANCEMENT OF FULL SCREEN

ROTARY SWITCH SELECTING
WINDOW SIZE AND POSITION



ROCKER SWITCH CRISPING
ON AND OFF

ENHANCEMENT CONTROL Left hand rotary switch
(Used in conjunction with Window Selection).

- FULL** Enhancement on whole picture to full screen.
- WIN** Enhancement on in relation to selected window.
- OFF** Enhancement off.

WINDOW SELECTION Right hand rotary switch
(Used in conjunction with Enhancement Control).

- Window location and FULL**
Enhances **WHOLE PICTURE** within parameters of the selected window.
- Window size and WIN**
Enhancement limited to the image **WITHIN** the selected window.

CRISP CONTROL Centre rocker switch

Allows greater line definition and general crispness, whatever the window position.

- O** Crisping off
- I** Crisping on