

SONY.

VGA VIDEO/GRAPHICS OVERLAY SYSTEM SMI-3081



The SONY VGA Video/Graphics Overlay System is a high-resolution, non-interlaced graphics system and video-overlay board set which meets and exceeds industry graphics standards by offering a variety of graphic and character display modes including CGA/EGA/VGA and Advanced VGA. The two-slot computer card set can be added to any IBM® PC™, PC-XT™, and PC-AT™ compatible computers.

Advanced VGA Graphics Capability Up to 256 simultaneous colors can be displayed at a sharp 640 x 480 resolution in addition to an array of standard CGA, EGA, and VGA graphic and character modes. The total color palette available is 256,000 colors.

Graphics Superimposition over NTSC Video A variety of graphic and character modes including VGA can be superimposed over standard video images.

Non-Interlace Display Flicker-free display of high resolution overlay graphics allow realistic graphic representation in all applications. This is especially valuable in simulation programs.

IBM InfoWindow™ Emulation The SMI-3081 allows practically any MS-DOS® based computer to run most of hundreds of off-the-shelf courseware titles designed for the IBM InfoWindow system.

Control Program Software (SMW-3060) Advanced software provides videotext, touch screen, display mode and superimposition interfaces for simplified control of easily customized configurations.

SMI-3081 SPECIFICATIONS

**MAXIMUM
RESOLUTION** 640 x 480 x 256 colors

**VIDEO GRAPHICS
RAM** 512 Kbytes

CHARACTER MODES	MODE	NUMBER OF CHARACTERS	CHARACTER SIZE	COLORS	STANDARD
	0,1	40 x 25	8 x 8	16	CGA/EGA/VGA
	0,1	40 x 25	8 x 14	16	EGA/VGA
	0,1	40 x 25	9 x 16	16	VGA
	2,3	80 x 25	8 x 8	16	CGA/EGA/VGA
	2,3	80 x 25	8 x 14	16	EGA/VGA
	2,3	80 x 25	9 x 16	16	VGA

GRAPHICS MODES	MODE	RESOLUTION	COLORS	STANDARD
	4,5	320 x 200	4	CGA/EGA/VGA
	6	640 x 200	2	CGA/EGA/VGA
	D	320 x 200	16	EGA/VGA
	E	640 x 200	16	EGA/VGA
	10	640 x 350	16	EGA
	11	640 x 480	2	VGA
	12	640 x 480	16	VGA
	13	320 x 200	256	VGA
	15	640 x 480	256	Advanced VGA

INPUTS LDP Video Input, RCA Connector

OUTPUTS Analog RGB - D-Sub 15-pin Female connector

VIDEO Analog RGB, 0.7V ± 0.05V (@ 25°C)
More than 400 TV lines resolution

SIZE Two slots (W x L x H in mm):
VGA Board: 25 x 225 x 130
Superimposer: 25 x 350 x 125

**STANDARD
FEATURES**

- Overlay and VGA Graphic board set
- Control Program Software (SMW-3080)
- IBM InfoWindow Emulation
- BNC to RCA (LDP to Overlay System)
- SMI-3081 Operating Instructions
- Diagnostics & Utility Software
- Microsoft® Windows™ Driver Software

**OPTIONAL
ACCESSORIES**

CPD-1302A	13" Super Fine Pitch™ Monitor
SPS-100	Speaker system with built-in 17 watt amplifier and volume control
CPD-1303A/Q	13" Super Fine Pitch Monitor with DataTouch™ touch screen
CPD-1303A/I	13" Super Fine Pitch Monitor with IntelliTouch™ touch screen

Features and specifications are subject to change without notice.

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SONY

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