4020 LX (250-5120)   VGA Expansion Adapter   Faxback Doc. # 1592

Your VGA expansion includes the following features:

* Full IBM Personal System/2 VGA Display Adapter compatibility
* Support of 132-column text modes
* A color palette of more that 262,000 possible colors
* Compatibility with Tandy's VGM-100, VGM-200, and VGM-300 monitors, as well
  as equivalent VGA monitors

NOTE: The 132-column modes might require special software. Check to see
whether your application software supports these modes.

The VGA adapter is compatible with software written for the following video
standards:

* VGA (video graphics array)
* MCGA (multi-color graphics array)
* EGA (IBM Enhanced Graphics Array)
* CGA (IBM Color Graphics Array)
* MDA (IBM Monochrome Display Adapter)

To emulate one of these video standards, use the vga.exe utility found on the
Utilities Diskette. This utility is discussed in detail in the "VGA Adapter"
section.

If you have problems with your VGA adapter, be sure to check the following
settings of the adapter's DIP switch:

DIP SWITCH	DEFAULT POSITION	NOTE
1	OFF	ON is for special multi-frequency displays.
2	OFF	ON enables monochrome modes on color monitors.
3	OFF	Not used.
4	ON	ON=16-bit operation with AutoSense enabled. OFF=8-bit operation with AutoSense disabled

The primary video adapter configuration is set to color. If you replace the
VGA adapter with a monochrome video display adapter, you need to run the Setup
program to switch the configuration to monochrome.