

HERE'S TO DIGITAL

Because most LCD monitors today support digital video, we've hopped on the bandwagon with our testing. But if you're buying a new monitor without upgrading your PC, chances are you might still need an analog connection. Here's what the LCDs we tested include.



MONITOR

EIZO FLEXSCAN S1931SH

EIZO FLEXSCAN S2110W

EPI AOC I93P+

HEWLETT-PACKARD LI906

HEWLETT-PACKARD LP2065

NEC MULTISYNC 2070WNX

NEC MULTISYNC 2190UXI

SONY SDM-S205F

SOYO DYLM019B

VIEWSONIC VP2030B

VIEWSONIC VG2021M

PORTS

two DVI

one DVI, one analog

one DVI, one analog

one analog

two DVI

one DVI, one analog

two DVI, one analog

one DVI, one analog

one DVI, one analog

one DVI, one analog

one DVI, one analog

How the lab tested LCD monitors

With nearly every monitor using DVI instead of the older analog cables these days, the differences between a good LCD and great one can sometimes be subtle.

For this review, the GCN Lab used an imaging benchmark suite from DisplayMate Technologies Corp of Amherst, N.H. The suite generates specific, highly detailed images that pinpoint flaws in screen unifor-

mity, white saturation, pixel consistency and white-point color temperature.

It takes about 20 steps to get each monitor set correctly so every LCD goes through the same tests with the same criteria.

The lab simultaneously connected up to eight monitors to a workstation using a video splitter and a digital video card.

This way, each monitor had an equal

chance of properly displaying test images—and an equal chance of failure.

The comprehensive DisplayMate benchmark suite can be used to test LCD or CRT monitors, LCD televisions, DLP projectors, plasma monitors and even printers. The suite can be ordered or downloaded from sellers on the Internet for between \$79 and \$995, depending on your configuration and needs.

Visit www.displaymate.com for more information.—John Breeden II