

Re: Resolution switching on a monitor

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To be simple, the rate or speed of the scanning changes to match the resolution. More lines are scanned, therefore there is more information per line, and more information in total on the screen, because there are more lines.

The detailed explanation of what happens is very long.

LCD and Plasma monitor displays are different in this approach.

Jerry G.

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"Tim Benner" <f0o@psu.edu> wrote in message news:<[celgjf\\$1lt6\\$1@f04n12.cac.psu.edu](mailto:celgjf$1lt6$1@f04n12.cac.psu.edu)>...

> *I know you can change your monitor resolution in Windows from say 800x600 to*
> *1024x768. The dot pitch of the monitor does not change however, so what is*
> *happening in the electronics to make this magic happen? Does the width of*
> *the electron beam change? Is it the scan rate that changes when you change*
> *resolutions? I'm curious for an explanation of what happens in the hardware*
> *when you make a resolution change. I am talking about the CRT monitors.*
>
> *Thanks!*
>
> *[Tim]*