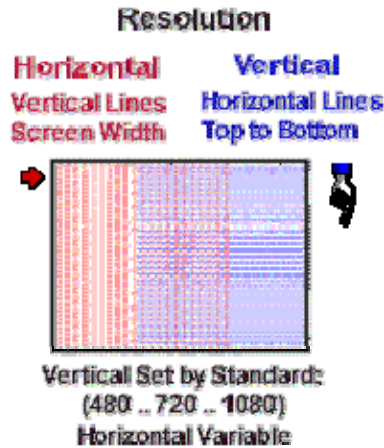## What is Scan line Resolution?

Because it is important, yet so often confused:

Vertical Resolution refers to the lines (rows) that are applied (scanned) across the screen, from left to right; these are *counted* from top to bottom, or vertically - thus the designation, Vertical Resolution.

Horizontal Resolution refers to the lines (columns) going *from top to bottom,* which are *counted* across the width of the display, or horizontally - and referenced as Horizontal Resolution.

Compare the DTV Scan Lines						
DTV Format Detail						
Scan Lines		Scan Rate	Pixelization	Frame Rate	Aspect Ratio	Formats
SDTV	525 total 480 active	15.75 kHz (60i)	480 x 640	24p, 30p, 60p or 60i fps	4:3	4
	525 total 480 active	31.5 kHz (60p)	480 x 704	24p, 30p, 60p or 60i fps	4:3 or 16:9	8 (4x2)
HDTV	750 total 720 active	45 kHz (60p)	720 x 1080	24p, 30p, 60p	16:9	3
	1125 total 1080 active	33.75 kHz (60i)	1080 x 1920	24p, 30p, 60i	16:9	3