Interlaced Scanning

Interlaced Scanning: This process divides and presents each video frame as two fields. Imagine a video frame being divided by the odd and even horizontal lines that make up the picture. The first field presents the odd lines; the second field represents the even lines. The fields are aligned and timed so that, with a still image, the human eye blends the two fields together and sees them as one. Motion in the image makes the fields noticeable. Interlace scanning allows only half the lines to be transmitted and presented at any given moment.

Interlaced Scanning: The frame/picture is made up of two fields
—consisting of 525 lines (480 viewable) or 1125 lines (1080 viewable)

| All odd numbered lines are scanned on the screen in 1/60th of a second | All even numbered lines are scanned on the screen in 1/60th of a second | This presents an entire picture in 1/30th of a second |