

FORMAT COMPARISON CHART

| | width | height | frame rate | field rendering | pixel aspect |
|-------------------------|-------|--------|---------------------|-----------------|--------------|
| 1080/60i | 1920 | 1080 | 29.97 | interlaced | square |
| 1080/60p | 1920 | 1080 | 59.94 | progressive | square |
| 1080/30p | 1920 | 1080 | 29.97 | progressive | square |
| 1080/24p | 1920 | 1080 | 23.98 | progressive | square |
| 720/60p | 1280 | 720 | 59.94 | progressive | square |
| 720/24p | 1280 | 720 | 23.98 | progressive | square |
| HDV-1 | 1280 | 720 | 29.97 | progressive | square |
| HDV-2 | 1440 | 1080 | 29.97 | interlaced | rectangle |
| SD | 720 | 480 | 29.97 | progressive | 0.9 |
| SD | 720 | 480 | 29.97 | interlaced | 0.9 |
| SD Anamorphic | 720 | 486 | 29.97 | interlaced | 1.2 |
| NTSC | 720 | 480 | 29.97 | interlaced | 0.9 |
| PAL | 720 | 576 | 25 | interlaced | 1.07 |
| 1080/50i | 1920 | 1080 | 25 | interlaced | square |
| 1080/25p | 1920 | 1080 | 25 | progressive | square |
| The RED formats* | width | height | shooting frame rate | fields | pixel aspect |
| 4.5K | 4520 | 2540 | 1-60 | progressive | square |
| 4K | 4096 | 2160 | 1-60 | progressive | square |
| 2K | 2048 | 1080 | 1-120 | progressive | square |

*These are down-converted to the MHD Supported Formats above for HD, HD PAL or SD/PAL
 Also the RED footage can be shot and/or down-converted to the Vertical HD formats

| MHD Vertical Formats | width | height | frame rate | field rendering | pixel aspect |
|-----------------------------|-------|--------|------------|-----------------|--------------|
| 1080/60i | 1080 | 1920 | 29.97 | interlaced | square |
| 1080/60p | 1080 | 1920 | 59.94 | progressive | square |
| 1080/30p | 1080 | 1920 | 29.97 | progressive | square |
| 1080/24p | 1080 | 1920 | 23.98 | progressive | square |
| 720p | 720 | 1280 | 59.94 | progressive | square |
| 1080/50i | 1080 | 1920 | 25 | interlaced | square |
| 1080/25p | 1080 | 1920 | 25 | progressive | square |