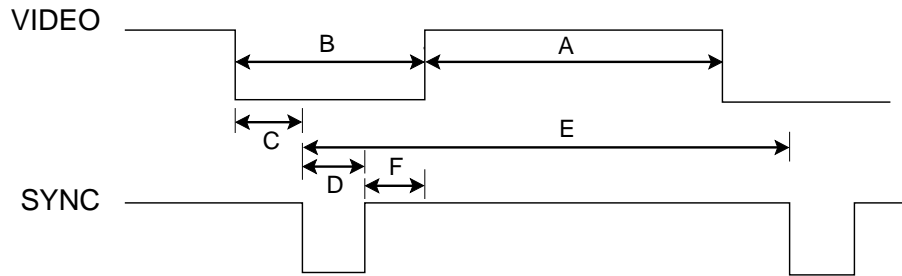


## TIMING CHART



| MODE | H / V      | Sync Polarity | Dot Clock | Frequency  | Total Period ( E ) | Video Active Time ( A ) | Blanking Time ( B ) | Sync Duration ( D ) | Back Porch ( F ) | Front Porch ( C ) | Resolution       |
|------|------------|---------------|-----------|------------|--------------------|-------------------------|---------------------|---------------------|------------------|-------------------|------------------|
| 1    | H (Pixels) | +             | 25.175    | 31.468 KHz | 800                | 640                     | 160                 | 96                  | 48               | 16                | 640 x 350        |
|      | V (Lines)  | -             |           | 70.0 Hz    | 449                | 350                     | 99                  | 2                   | 60               | 37                |                  |
| 2    | H (Pixels) | -             | 28.322    | 31.468 KHz | 900                | 720                     | 180                 | 108                 | 55               | 17                | 720 x 400 (TEXT) |
|      | V (Lines)  | +             |           | 70.0 Hz    | 449                | 400                     | 49                  | 2                   | 34               | 13                |                  |
| 3    | H (Pixels) | -             | 25.175    | 31.469 KHz | 800                | 640                     | 160                 | 96                  | 48               | 16                | 640 x 480        |
|      | V (Lines)  | -             |           | 60.0 Hz    | 525                | 480                     | 45                  | 2                   | 33               | 10                |                  |
| 4    | H (Pixels) | -             | 30.24     | 35.00 KHz  | 864                | 640                     | 224                 | 64                  | 96               | 64                | 640 x 480        |
|      | V (Lines)  | -             |           | 66.67 Hz   | 525                | 480                     | 45                  | 3                   | 39               | 3                 |                  |
| 5    | H (Pixels) | -             | 31.5      | 37.50 KHz  | 840                | 640                     | 200                 | 64                  | 120              | 16                | 640 x 480        |
|      | V (Lines)  | -             |           | 75.0 Hz    | 500                | 480                     | 20                  | 3                   | 16               | 1                 |                  |
| 6    | H (Pixels) | -             | 36.0      | 43.27 KHz  | 832                | 640                     | 192                 | 56                  | 80               | 56                | 640 x 480        |
|      | V (Lines)  | -             |           | 85.0 Hz    | 509                | 480                     | 29                  | 3                   | 25               | 1                 |                  |
| 7    | H (Pixels) | +             | 36.0      | 35.156 KHz | 1024               | 800                     | 224                 | 72                  | 128              | 24                | 800 x 600        |
|      | V (Lines)  | +             |           | 56.25 Hz   | 625                | 600                     | 25                  | 2                   | 22               | 1                 |                  |
| 8    | H (Pixels) | +             | 40.0      | 37.879 KHz | 1056               | 800                     | 256                 | 128                 | 88               | 40                | 800 x 600        |
|      | V (Lines)  | +             |           | 60.3 Hz    | 628                | 600                     | 28                  | 4                   | 23               | 1                 |                  |
| 9    | H (Pixels) | +             | 50.0      | 48.077 KHz | 1040               | 800                     | 240                 | 120                 | 64               | 56                | 800 x 600        |
|      | V (Lines)  | +             |           | 72.188 Hz  | 666                | 600                     | 66                  | 6                   | 23               | 37                |                  |
| 10   | H (Pixels) | +             | 49.5      | 46.875 KHz | 1056               | 800                     | 256                 | 80                  | 160              | 16                | 800 x 600        |
|      | V (Lines)  | +             |           | 75.0 Hz    | 625                | 600                     | 25                  | 3                   | 21               | 1                 |                  |
| 11   | H (Pixels) | +             | 56.25     | 53.670 KHz | 1048               | 800                     | 248                 | 64                  | 152              | 32                | 800 x 600        |
|      | V (Lines)  | +             |           | 85.06 Hz   | 631                | 600                     | 31                  | 3                   | 27               | 1                 |                  |
| 12   | H (Pixels) | -             | 57.2832   | 49.725 KHz | 1152               | 832                     | 320                 | 64                  | 224              | 32                | 832 x 624 (MAC)  |
|      | V (Lines)  | -             |           | 74.55 Hz   | 667                | 624                     | 43                  | 3                   | 39               | 1                 |                  |
| 13   | H (Pixels) | -             | 65        | 48.363 KHz | 1344               | 1024                    | 320                 | 136                 | 160              | 24                | 1024 x 768       |
|      | V (Lines)  | -             |           | 60.0 Hz    | 806                | 768                     | 38                  | 6                   | 29               | 3                 |                  |
| 14   | H (Pixels) | -             | 75        | 56.476 KHz | 1328               | 1024                    | 304                 | 136                 | 144              | 24                | 1024 x 768       |
|      | V (Lines)  | -             |           | 70.0 Hz    | 806                | 768                     | 38                  | 6                   | 29               | 3                 |                  |
| 15   | H (Pixels) | +             | 78.75     | 60.023 KHz | 1312               | 1204                    | 288                 | 96                  | 176              | 16                | 1024 x 768       |
|      | V (Lines)  | +             |           | 75.0 Hz    | 800                | 768                     | 32                  | 3                   | 28               | 1                 |                  |
| 16   | H (Pixels) | +             | 95.50     | 68.670 KHz | 1376               | 1024                    | 352                 | 96                  | 208              | 48                | 1024 x 768       |
|      | V (Lines)  | +             |           | 85.0 Hz    | 808                | 768                     | 40                  | 3                   | 36               | 1                 |                  |