



## Image Size and Framerates

| Format    | Resolution (pixel) |          | Image Size (mm) |          | Fps max. |
|-----------|--------------------|----------|-----------------|----------|----------|
|           | horizontal         | vertical | horizontal      | vertical |          |
| Full      | 2048               | 2048     | 25.50           | 25.50    | 554      |
| 2K 1:1.85 | 2048               | 1104     | 25.50           | 13.75    | 1029     |
| 2K 1:2.35 | 2048               | 872      | 25.50           | 10.86    | 1302     |
| HD 1:1.78 | 1920               | 1080     | 23.91           | 13.45    | 1052     |
|           | 1632               | 1200     | 20.32           | 14.94    | 946      |
|           | 1280               | 800      | 15.94           | 9.96     | 1419     |
| HD 1:1.78 | 1280               | 720      | 15.94           | 8.96     | 1567     |
|           | 1152               | 896      | 14.34           | 11.16    | 1267     |
|           | 800                | 600      | 9.96            | 7.47     | 1890     |
|           | 640                | 480      | 7.97            | 5.98     | 2316     |
|           | 512                | 512      | 6.38            | 6.38     | 2213     |
|           | 256                | 256      | 3.19            | 3.19     | 4410     |
|           | 16                 | 8        | 0.20            | 0.10     | 111111   |

## Screen time at 24fps Playback

| fps  | Recording Time in Seconds |        |        |        |        |        |        |        |        |        |
|------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      | 1                         | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     |
| 24   | 1.00                      | 2.00   | 3.00   | 4.00   | 5.00   | 6.00   | 7.00   | 8.00   | 9.00   | 10.00  |
| 50   | 2.08                      | 4.17   | 6.25   | 8.33   | 10.42  | 12.50  | 14.58  | 16.67  | 18.75  | 20.83  |
| 100  | 4.17                      | 8.33   | 12.50  | 16.67  | 20.83  | 25.00  | 29.17  | 33.33  | 37.50  | 41.67  |
| 150  | 6.25                      | 12.50  | 18.75  | 25.00  | 31.25  | 37.50  | 43.75  | 50.00  | 56.25  | 62.50  |
| 200  | 8.33                      | 26.67  | 25.00  | 33.33  | 41.67  | 50.00  | 58.33  | 66.67  | 75.00  | 83.33  |
| 250  | 10.42                     | 20.83  | 31.25  | 41.67  | 52.08  | 62.50  | 72.92  | 83.33  | 93.75  | 104.17 |
| 300  | 12.50                     | 25.00  | 37.50  | 50.00  | 62.50  | 75.00  | 87.50  | 100.00 | 112.50 | 125.00 |
| 350  | 14.58                     | 29.17  | 43.75  | 58.33  | 72.92  | 87.50  | 102.08 | 116.67 | 131.25 | 145.83 |
| 400  | 16.67                     | 33.33  | 50.00  | 66.67  | 83.33  | 100.00 | 116.67 | 133.33 | 150.00 | 166.67 |
| 450  | 18.75                     | 37.50  | 56.25  | 75.00  | 93.75  | 112.50 | 131.25 | 150.00 | 168.75 | 187.50 |
| 500  | 20.83                     | 41.67  | 62.50  | 83.33  | 104.17 | 125.00 | 145.83 | 166.67 | 187.50 | 208.33 |
| 555  | 23.13                     | 46.25  | 69.38  | 92.50  | 115.63 | 138.75 | 161.88 | 185.00 | 208.14 | 231.25 |
| 600  | 25.00                     | 50.00  | 75.00  | 100.00 | 125.00 | 150.00 | 175.00 | 200.00 | 225.00 | 250.00 |
| 700  | 29.17                     | 58.33  | 87.50  | 116.67 | 145.83 | 175.00 | 204.17 | 233.33 | 262.50 | 291.67 |
| 800  | 33.33                     | 66.67  | 100.00 | 133.33 | 166.67 | 200.00 | 233.33 | 266.67 | 300.00 | 333.33 |
| 900  | 37.50                     | 75.00  | 112.50 | 150.00 | 187.50 | 225.00 | 262.50 | 300.00 | 337.50 | 375.00 |
| 1000 | 41.67                     | 83.33  | 125.00 | 166.67 | 208.33 | 250.00 | 291.67 | 333.33 | 375.00 | 416.67 |
| 1052 | 43.83                     | 87.67  | 131.50 | 175.33 | 219.17 | 263.00 | 306.83 | 350.67 | 394.50 | 438.33 |
| 1029 | 42.88                     | 85.75  | 128.63 | 171.50 | 214.38 | 257.25 | 300.13 | 343.00 | 385.88 | 428.75 |
| 1303 | 54.29                     | 108.58 | 162.88 | 217.17 | 271.46 | 325.75 | 380.04 | 434.33 | 488.63 | 542.92 |



## On-Board Memory 16 GB: Recording Time

| Framerate | Full Sensor          | 2K 1:1.85 | HD 1:1.78 | 2K 1:2.35 |
|-----------|----------------------|-----------|-----------|-----------|
| fps       | 2048x2048            | 2048x1104 | 1920x1080 | 2048x872  |
|           | Capacity in Seconds: |           |           |           |
| 24        | 97.54                | 180.92    | 184.92    | 229.04    |
| 50        | 46.82                | 86.84     | 88.76     | 109.94    |
| 100       | 23.41                | 43.42     | 44.38     | 54.97     |
| 150       | 15.61                | 28.95     | 29.59     | 36.65     |
| 200       | 11.71                | 21.71     | 22.19     | 27.49     |
| 236       | 9.92                 | 18.40     | 18.81     | 23.29     |
| 250       | 9.36                 | 17.37     | 17.75     | 21.99     |
| 300       | 7.80                 | 14.47     | 14.79     | 18.32     |
| 350       | 6.69                 | 12.41     | 12.68     | 15.71     |
| 400       | 5.85                 | 10.86     | 11.10     | 13.74     |
| 438       | 5.34                 | 9.91      | 10.13     | 12.55     |
| 448       | 5.23                 | 9.69      | 9.91      | 12.27     |
| 450       | 5.20                 | 9.65      | 9.86      | 12.22     |
| 500       | 4.68                 | 8.68      | 8.88      | 10.99     |
| 554       | 4.23                 | 7.84      | 8.01      | 9.92      |
| 600       | -                    | 7.24      | 7.40      | 9.16      |
| 700       | -                    | 6.20      | 6.34      | 7.85      |
| 800       | -                    | 5.43      | 5.55      | 6.87      |
| 900       | -                    | 4.82      | 4.93      | 6.11      |
| 1000      | -                    | 4.34      | 4.44      | 5.50      |

## CineMag 256 GB: Direct Recording Time

| Framerate | Full Sensor         | 2K 1:1.85 | HD 1:1.78 | 2K 1:2.35 |
|-----------|---------------------|-----------|-----------|-----------|
| fps       | 2048x2048           | 2048x1104 | 1920x1080 | 2048x872  |
|           | Capacity in Seconds |           |           |           |
| 24        | 2140.83             | 3971.42   | 4059.67   | 5028.04   |
| 50        | 1027.60             | 1906.28   | 1948.64   | 2413.46   |
| 100       | 513.80              | 953.14    | 974.32    | 1206.73   |
| 150       | 342.53              | 635.43    | 649.55    | 804.49    |
| 200       | 256.90              | 476.57    | 487.16    | 603.37    |
| 236       | 205.52              | 381.26    | 389.73    | 482.69    |
| 250       | 217.71              | 403.87    | 412.85    | 511.33    |
| 300       | -                   | 317.71    | 324.77    | 402.24    |
| 350       | -                   | 272.33    | 278.38    | 344.78    |
| 400       | -                   | 238.29    | 243.58    | 301.68    |
| 438       | -                   | 217.61    | 222.45    | 275.51    |
| 448       | -                   | -         | 217.48    | 269.36    |
| 450       | -                   | -         | 216.52    | 268.16    |
| 500       | -                   | -         | -         | 241.35    |
| 554       | -                   | -         | -         | 217.82    |
| 600       | -                   | -         | -         | -         |