

File Type and Compression

Choose the movie file type and compression.

| Option | Description |
|------------------------------|---|
| H.264 ALL-I 420 MOV | A highly-portable compressed format. Footage is recorded at a depth of 8 bits using All-I interframe compression and 4:2:0 chroma sub-sampling. |
| H.264 LongGOP 420 MOV | A highly-portable compressed format. Footage is recorded at a depth of 8 bits using Long GOP interframe compression and 4:2:0 chroma sub-sampling. |
| H.264 LongGOP 420 MP4 | A format suitable for movies that will be uploaded to the web. |
| H.265 ALL-I 420 MOV | A format with a higher compression ratio than H.264. Footage is recorded at a depth of 10 bits using All-I interframe compression and 4:2:0 chroma sub-sampling. |
| H.265 LongGOP 420 MOV | A format with a higher compression ratio than H.264. Footage is recorded at a depth of 10 bits using Long GOP interframe compression and 4:2:0 chroma sub-sampling. |
| H.265 ALL-I 422 MOV | A format with a higher compression ratio than H.264. Footage is recorded at a depth of 10 bits using All-I interframe compression and 4:2:2 chroma sub-sampling. |
| H.265 LongGOP 422 MOV | A format with a higher compression ratio than H.264. Footage is recorded at a depth of 10 bits using Long GOP interframe compression and 4:2:2 chroma sub-sampling. |



- 4:2:2 chroma sub-sampling is used for footage output to external devices connected via HDMI; H.264 footage is output at a bit depth of 8 bits and footage in other formats at a depth of 10 bits.
- **All-I** compresses each frame separately. Files are larger, but the fact that the data for each frame are saved separately makes this a good choice for footage that will be further processed.
- **Long GOP** balances good image quality with high compression. Files are smaller, making it a good choice for longer movies.
- The options available for file type and compression vary with the options selected for **MOVIE MODE**, **HIGH SPEED REC**, and **F-Log/HLG RECORDING**.