

# Picture by Picture resolution

The highest allowed resolution of a recorded video is 1920 x 1280. The resolution of a Picture by Picture video is a sum of the separate videos. However, if that exceeds a width of 1920 pixels or a height of 1280 pixels, the video resolution is adjusted proportionally. This requires processor capacity and decreases the quality of the output video. It is better to choose a lower resolution of the individual videos, so that the total resolution does not exceed 1920 x 1280.

The resolution of the picture by picture video is determined in the following way:

- Example 1 — The width of the PbP video is the sum of the width of the separate videos. The height of the PbP video is the maximum height of the separate videos.
- Example 2 — The total resolution is calculated in the same way as in Example 1. The width of the resulting video exceeds the maximum of 1920 pixels. Therefore both the width and height are reduced proportionally, resulting in a width of 1920 pixels.
- Example 3 — The total width is the sum of the width Video 1 and 2. The height of of the resulting video is the maximum height of Video 1 and 2 plus the height of Video 3. Both the width and height of the resulting video will exceed the maximum of 1920 x 1280. Therefore both the width and height are reduced proportionally, resulting in a width of 1920 pixels. The height is now smaller than the maximum of 1280 pixels.

If the height was higher than 1280, the width and height would be reduced further, resulting in a height of 1280 pixels.

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Revision #2

Created 29 November 2023 22:53:41

Updated 21 December 2023 00:23:07