|  |  |
| --- | --- |
| Output | Parameters |
| 2D Image Sequence (mandatory for all other imaging modalities) | Multiscaler bin width  Image size in pixels  Bidirectional scan?  *Optional: Fill fraction*  *Optional: Scan mirror frequency*  *Optional: TAG bits allocation* |
| 3D Volume Sequence | TAG Lens synchronization signal  TAG Lens nominal frequency  Z-axis planes |
| FLIM (can be incorporated with other modalities) | Laser repetition rate |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Photon Index | Row | Time rel. row | Z-plane | Time rel.  Z-plane |
| 1 | 10 | 6 | 13 | 3 |
| 2 | 10 | 9 | 13 | 6 |
| 3 | 20 | 1 | 21 | 0 |
| 4 | 20 | 3 | 21 | 2 |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |