

| Detection optics | Spatial Resolution | Temporal resolution * | Dataset size * |
|------------------|---------------------------------------|-----------------------|----------------|
| 4X- N.A. 0.28 | <i>In plane: 1.4 um; axial: 5 um</i> | 4-8 h | 0.6 - 2 Tb |
| 10X- N.A. 0.6 | <i>In plane: 0,6 um ; axial: 5 um</i> | 10-20 h | 2.2 - 6 Tb |
| 25X- N.A. 1 | <i>In plane: 200 nm ; axial: 5 um</i> | up to 36h | up to 20 Tb |

* For a full mouse brain

| Illumination | |
|--------------------------|---|
| Illumination optics | 4X- N.A. 0.28 |
| Illumination lasers | DPSS laser 488, 561, 647 nm |
| Detection Camera | |
| Full frame size and rate | Hamamatsu ORCA-Flash 4.0 V2 2048 x 2048; 6 fps ; 16 bits |

| Applications |
|------------------------------------|
| High resolution full organ imaging |
| Deep tissue imaging (fixed tissue) |

| Source |
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| Tomer et al., Cell 163, 2015; Tomer et al., Nat. Prot. 9, 2014 |