An integrated imaging sensor for aberration-corrected 3D photography

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Supplementary information

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| Lens type | Lens parameter (Focal length/ effective F-number) | Frame rate | Exposure time | Scanning period | Block size (sensor pixels) | Motion correction |
|-----------|--------------------------------------------------|------------|---------------|-----------------|--------------------------|-----------------|
| 1f, ED10a-c | Plastic lens 135 mm/10 | 30 Hz | 1.5 ms | 5×5 | 251×251 | off |
| 2 | Plastic lens 135 mm/10 | 30 Hz | 11 ms | 5×5 | 351×351 | off |
| ED6a-e | Plastic lens 135 mm/10 | 30 Hz | 11 ms | 5×5 | 33×333 | off |
| ED6f-i | Canon EF 70-200mm 1:2.8L | 135 mm/10 | 30 Hz | 11 ms | 351×351 | off |
| ED7c | Thorlabs LA1725-A | 400 mm/10 | 10 Hz | 75 ms | 1501×1501 | off |
| ED7a-g | Plastic lens | 135 mm/10 | 30 Hz | 11 ms | 1301×1301 | off |
| 3b-g, i, j SV1 | Canon EF 300mm 1:2.8L | 300 mm/10 | 30 Hz | 75 ms | 201×201 | off |
| 4, SV2 | Plastic lens | 135 mm/10 | 30 Hz | 1.5 ms | 801×801 | on |
| 5a-b, g, SV3, ED10a-c | Tsinghua-NAOC 80-cm telescope | 8000 mm/10 | 15 Hz | 2 ms | 251×251 | on |
| 5c-e | Tsinghua-NAOC 80-cm telescope | 8000 mm/10 | 15 Hz | 35 ms | 151×151 | on |
| 6a, c, SV4 | Canon EF 50mm 1:1.2L | 50 mm/10 | 30 Hz | 2.5 ms | - | off |
| 6e, ED9, SV5 | Olympus MV PLAPO 0.63×1.8× magnification / 0.15NA | 15 Hz | 35 ms | - | - | off |
| ED8b, d-g | Tsinghua-NAOC 80-cm Cassegrain telescope | 8000 mm/10 | 15 Hz | 2 ms | 251×251 | on |
| ED10d-f | Canon EF 50mm 1:1.2L | 50 mm/10 | 30 Hz | 30 ms | 708×930 | on |