
Supplementary information

An integrated imaging sensor for aberration-corrected 3D photography

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An integrated imaging sensor for aberration-corrected 3D photography

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Supplementary Table 1| Experimental parameters

	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						333×333	off
ED6f-i	Canon EF 70-200mm 1:2.8L	135 mm/10	30 Hz	11 ms	5×5	351×351	off
	Plastic lens						off
ED7c	Thorlabs LA1725-A	400 mm/10	10 Hz	75 ms	5×5	1501×1501	off
ED7a-g						1301×1301	off
3b-g, i, j SV1	Canon EF 300mm 1:2.8L	300 mm/10	30 Hz	75 ms	5×5	201×201	off
4, SV2	Plastic lens	135 mm/10	30 Hz	1.5 ms	5×5	801×801	on
5a-b, g, SV3, ED10a-c	Tsinghua- NAOC 80-cm telescope	8000 mm/10	15 Hz	2 ms	5×5	251×251	on
5c-e						151×151	on
6a, c, SV4	Canon EF 50mm 1:1.2L	50 mm/10	30 Hz	2.5 ms	5×5	-	off
6e, ED9, SV5	Olympus MV PLAPO 0.63×	1.8× magnification / 0.15NA	15 Hz	35 ms	5×5	-	off
ED8b, d-g	Tsinghua- NAOC 80-cm Cassegrain telescope	8000 mm/10	15 Hz	2 ms	5×5	251×251	on
ED10d-f	Canon EF 50mm 1:1.2L	50 mm/10	30 Hz	30 ms	3×3	708×930	on