

Objective Lenses

Specifications

Objective lenses determine the field of view for each hyperspectral camera.

	Notes	FOV (deg)	IFOV (mrads)
Pika L			
70 mm		4.3	0.17
50 mm		6.0	0.24
23 mm	standard on benchtop and outdoor systems	13.1	0.52
17 mm	standard on airborne systems	17.6	0.71
12 mm		24.8	1.00
8 mm		36.5	1.50
6 mm		47.4	2.00
Pika XC2			
70 mm		7.7	0.17
50 mm		10.7	0.24
23 mm	standard on benchtop and outdoor systems	23.1	0.52
17 mm	standard on airborne systems	30.8	0.71
12 mm		42.7	1.00
8 mm		60.8	1.50
6 mm		76.0	2.00
Pika NIR-320			
100 mm		5.5	0.30
75 mm		7.3	0.40
50 mm		11.0	0.60
25 mm	standard on all systems	21.7	1.20
6.0 mm		77.3	5.00
Pika NIR-640			
100 mm		5.5	0.15
75 mm		7.3	0.20
50 mm		11.0	0.30
25 mm	standard on all systems	21.7	0.60
6.0 mm		77.3	2.50
Pika NUV2			
60 mm		8.4	0.40
24 mm	standard on all systems	20.5	1.00