

VIANSIGHT - 8.3MP (4.4 mm - 88 mm)

Distance(m)	GSD at max zoom out (cm/pixel)	GSD at max zoom in (cm/pixel)	Footstep at max zoom out (m x m)	Footstep at max zoom in (m x m)
30	1.35	0.07	39.3 x 29.3	2 x 1.5
50	2.26	0.11	65.5 x 48.8	3.3 x 2.4
75	3.39	0.17	98.2 x 73.1	4.9 x 3.7
100	4.51	0.23	130.9 x 97.5	6.5 x 4.9
120	5.42	0.27	157.1 x 117	7.9 x 5.9

Phantom 4 PRO V2.0 - 20MP (8.8 mm)

Distance(m)	GSD at max zoom out (cm/pixel)	GSD at max zoom in (cm/pixel)	Footstep at max zoom out (m x m)	Footstep at max zoom in (m x m)
30	0.83	0.83	45 x 30.3	45 x 30.3
50	1.39	1.39	75 x 50.6	75 x 50.6
75	2.08	2.08	112.5 x 75.9	112.5 x 75.9
100	2.77	2.77	150 x 101.1	150 x 101.1
120	3.33	3.33	180 x 121.4	180 x 121.4

COMPARISON PHOTO

Test on 3 camera:

- VIANSIGHT 8MP 1/2.3" sensor (30x optical zoom).
- Mavic 2 Zoom 12MP 1/2.3" sensor (2x optical zoom)
- Phantom pro 4 20MP 1" sensor (no optical zoom)



FULL VIANSIGHT ZOOM OUT



FULL MAVIC ZOOM OUT



FULL PHANTOM 4 PRO ZOOM OUT



COMPARISON AT VARIOUS ZOOM LEVELS