



VISION UNLIMITED!

C - A S T R A L
AEROSPACE Ltd.

C-Astral Bramor Orthophoto Flight Configurations

DSLR Camera resolution:	10 MP
Lens type:	25mm F2.8
Flight duration:	60 min
Flight speed:	15 m/s
Max. flight distance:	54 km
Predicted flight distance to location and back:	4 km
Image overlap:	60% X and Y
Take-off:	Autonomous / catapult
Navigation:	Autonomous / waypoints array
Photo trigger:	Automatic at waypoint
Landing:	Autonomous / parachute

Altitude AGL (m)	Resolution (cm)	X (m)	Y (m)	Distance between shots (m)	Time between shots (s)	Area coverage (km2)	Number of shots / km2	Number of shots / flight
200	3,8	139,1	104,4	41,7	2,8	2,8	225	630
250	4,8	173,9	130,5	52,1	3,5	3,5	180	630
300	5,7	208,7	156,6	62,6	4,2	4,2	150	630
350	6,7	243,4	182,7	73,0	4,9	4,9	129	630
400	7,6	278,2	208,8	83,4	5,6	5,6	113	630
500	9,5	347,8	261,0	104,3	7,0	7,0	90	630
600	11,4	417,3	313,2	125,1	8,4	8,4	75	630