



2024 Revision. Released 07/08/2024

Mission Settings Guide

Discovery 2 Units: Feet		No Ortho Needed (Set Trigger Dist = 9999)		Ortho for Backdrop Only		1" GSD		1/2" GSD	
Area Type	Altitude	Spacing	Altitude	Spacing	Altitude	Spacing	Altitude	Spacing	
Bare, Flat Earth	180	130	180	65	180	65	145	50	
Light or Thin Canopy/Suburban	180	100	180	65	180	65	145	50	
Dense Canopy	180	80	180	65	180	50	145	40	
Urban/ALTA	180	65	180	50	180	33	145	33	

*Only for use with the SmartDrone Discovery 2 Drone

Discovery 3 Units: Feet		No Ortho Needed (Set Trigger Dist = 9999)		Ortho for Backdrop Only		1" GSD		1/2" GSD	
Area Type	Altitude	Spacing	Altitude	Spacing	Altitude	Spacing	Altitude	Spacing	
Bare, Flat Earth	260	165	260	115	260	115	145	50	
Light or Thin Canopy/Suburban	260	165	260	100	260	100	145	50	
Dense Canopy	260	130	260	80	260	80	145	40	
Urban/ALTA	260	130	260	65	260	65	145	33	

*Only for use with SmartDrone Discovery 3 Drone

Discovery 2 Units: Meters		No Ortho Needed (Set Trigger Dist = 9999)		Ortho for Backdrop Only		2.54cm GSD		1.27cm GSD	
Area Type	Altitude	Spacing	Altitude	Spacing	Altitude	Spacing	Altitude	Spacing	
Bare, Flat Earth	55	40	55	20	55	20	45	15	
Light or Thin Canopy/Suburban	55	30	55	20	55	20	45	15	
Dense Canopy	55	25	55	20	55	15	45	12	
Urban/ALTA	55	20	55	15	55	10	45	10	

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Discovery 3 Units: Meters		No Ortho Needed (Set Trigger Dist = 9999)		Ortho for Backdrop Only		2.54cm GSD		1.27cm GSD	
Area Type	Altitude	Spacing	Altitude	Spacing	Altitude	Spacing	Altitude	Spacing	
Bare, Flat Earth	80	50	80	35	80	35	45	15	
Light or Thin Canopy/Suburban	80	50	80	30	80	30	45	15	
Dense Canopy	80	40	80	25	80	25	45	12	
Urban/ALTA	80	40	80	20	80	20	45	10	

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