

	TIEF - 4 Punkte	HOCH - 4	Gletscher (70kHz) TIEF - 4 Punkte	Gletscher (70kHz) HOCH - 4
Strahldivergenz [rad]	0,0005	0,0005	0,0005	0,0005
Anzahl der Facetten	4,0000	4,0000	4,0000	4,0000
Auflösung Länge [m]	0,4000	0,4000	0,4000	0,4000
Auflösung Breite [m]	0,4000	0,4000	0,4000	0,4000
Takt [Hz]	180000,0000	180000,0000	70000,0000	70000,0000
Öffnungswinkel [°]	60,0000	60,0000	60,0000	60,0000
Streifenabstand [m]	250,0000	250,0000	250,0000	250,0000
Überlappung [%]	50,0000	60,0000	50,0000	60,0000
Streifenbreite [m]	500,0000	625,0000	500,0000	625,0000
Flughöhe [m]	433,0127	541,2659	433,0127	541,2659
Winkeldelta [°]	0,0529	0,0423	0,0529	0,0423
Scanrate [Zeilen/s]	105,8551	84,6841	41,1659	32,9327
Fluggeschwindigkeit [m/s]	42,3420	33,8736	16,4664	13,1731
max. Punktabstand [m]	0,5330	0,5331	0,5330	0,5331
Punktdichte [1/m²]	6,2500	6,2500	6,2500	6,2500
Fluggeschwindigkeit [km/h]	152,4314	121,9451	59,2789	47,4231
Fluggeschwindigkeit [Knoten]	84,6841	67,7473	32,9327	26,3462
Strahldurchmesser [m]	0,2165	0,2706	0,2165	0,2706
Strahlüberlappung Länge [m]	-0,1835	-0,1294	-0,1835	-0,1294
Strahlüberlappung Breite [m]	-0,1835	-0,1294	-0,1835	-0,1294
SCN_THETAD	530	420	530	420
SCN_THETAN	1133	1429	1133	1429
SCN_THETAS	600000	600000	600000	600000
Scannereinstellung:	SCN_X	SCN_X	SCN_X	SCN_X

LOG_MODE m	Description
1	70 kHz measurement rate, 3 first targets + 4 last targets
2	100 kHz measurement rate, 3 first targets + 3 last targets
3	120 kHz measurement rate, 3 first targets + 3 last targets
4	150 kHz measurement rate, 2 first targets + 2 last targets
5	180 kHz measurement rate, 2 first targets + 2 last targets
6	200 kHz measurement rate, 2 first targets + 1 last target
7	240 kHz measurement rate, 2 first targets + 1 last target

RIEGL LMS-Q560 Maximum Measurement Range and Scan Pattern

