









| Ranging perf | orma | ance | è. | 17 | RIE | G |
|---|--|---|---|-------------------|-------------------|-------------------|
| | | | | | | |
| Range Measurement Performance Neasuring Principle | | | ient, echo sigi ssing, multiple | | | \sum |
| Laser Pulse Repetition Rate PRR 1 | 50 kHz |) 100 kHz | 200 kHZ | 300 kHz | 380 KH | 550 kHz |
| Max. Measuring Range ²⁽³⁾ natural targets $\rho \ge 20\%$ natural targets $\rho \ge 60\%$ | 550 m 920 m | 400 m 660 m | 280 m 480 m | 230 m 400 m | 200 m 350 m | 170 m 300 m |
| Max. Operating Flight Altitude AGL ^{1) 4)} | 350 m | 250 m (820 ft) | 180 m (590 ft) | 150 m (490 ft) | 130 m (430 ft) | 110 m (360 ft) |
| Max. Number of Targets per Pulse I) Rounded values. 2) Typical values for average conditions. Maximum range is speciarmospheric visibility of 23 km. In bright sunlight, the max. rang 3) Ambiguity to be resolved by post-processing with RMM softward (Reflectivity pe 20%), fail terrain assumed, scan angle 4.45 °C | ge is shorter than unde are. | ith size in excess of er overcast sky. | cally unlimited | | | nce, and for |
| Ainimum Range ccuracy ⁶⁹⁷ recision ⁶¹⁷ aser Pulse Repetition Rate ¹¹⁶ dax. Effective Measurement Rate ¹¹ cho Signal Intensity aser Wavelength aser Bearn Divergence aser Bearn Divergence aser Bearn Defortific (Gaussian Bearn Definition) | for each e near infrare 0.5 mrad ° | 000 meas./se cho signal, hi ed | ec. (@ 550 kHz igh-resolution nm @ 500 m, | 16 bit intensit | y information | is provided |



































