

15th April 2025

Silent Sentinel

1-2 Riverside

Stanstead Abbots, Ware

Hertfordshire, SG12 8AP

United Kingdom

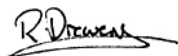
MANUFACTURER'S DECLARATION

The manufacturer (Silent Sentinel, Registration number 04556945, 1-2 Riverside, Stanstead Abbots, Ware, Hertfordshire, SG12 8AP, United Kingdom) declares that the below calculations are based on Stanag using NVIPM modelling software to create / calculate the results (based on the Stanag standards).

NATO D/R/I (2.3 m x 2.3 m)*	Min 11.15 km / 5.28 km / 2.74 km.	Yes (exceeds)	<p>Based on a critical target dimension of 2.3m, 50% probability, target temperature variation of 2 kelvin, using NVIPM modelling software</p> <p>Detection N50 6 = 13.98km Recognition N50 3 = 5.56km Identification N50 1 = 2.94km</p> <p>Note-1. Specification does not state N50 task difficulty. So assumed 6, 3 and 1. Please clarify if this is as expected.</p>
D/R/I human (1.8 m x 0.5 m)*	Min 6.38 km / 2.28 km / 1.17 km.	Part	<p>Based on a critical target dimension of 0.92m, 50% probability, target temperature variation of 2 kelvin, using NVIPM modelling software</p> <p>Detection N50 6 = 5.67km Recognition N50 3 = 2.22km Identification N50 1 = 1.17km</p> <p>Note-1. Specification does not state N50 task difficulty. So assumed 6, 3 and 1. Please clarify if this is as expected.</p> <p>Note-2. The offered 25-150mm camera exceeds the Field of View and NETD technical specification above i.e. narrow field of view 2.9° and also sensitivity 20mK. So it should see further than the above specification.</p>

Notes: The above information is considered accurate at the time of writing this letter.

Sincerely,



Rob Drewery