

SENTINEL

LONG RANGE COUNTER UAS SYSTEM



Pixel**Sight** Sentinel redefines the standard for UAS detection with a breakthrough optical system designed to detect even the smallest, signal-free UAS at long range. This passive, ground-based solution delivers unmatched performance in real-world battlefield environments - without reliance on RF or radar signatures. With rapid deployment capability and minimal infrastructure requirements, the Sentinel brings next-generation situational awareness to the edge.

Key Features:

- Long-Range UAS Detection - Group 1 : up to 6 km
- High Detection Performance
 - >96% Probability of Detection (PD)
 - <4% False Alarm Rate (FAR)
- Low SWaP (Size, Weight, and Power)
- 100% Standalone Operation

Data Technical

Spectral Band	Visible
UAS Detection Range	Group 1: 6 km Group 2: 8 km
Coverage	Horizontal: 160° Vertical: 38°
Max target Simultaneously	100
Interface	Ethernet (local integration) & optional secure cloud connectivity
Size	W: 60 cm, H: 120 cm, D: 60 cm
Weight	< 20 kg
Operating temperatures	-10°C to 55°C
Input Power	24V DC
Power consumption	< 140 W (average)

The information in this data sheet is to the best of our knowledge, accurate as of the date of issue. PixelSight reserves the right to change this information without notice. Nothing herein shall be deemed to create any warranty, expressed or implied. Copyright © PixelSight 2024 All Rights Reserved.

info@ajmorganindustrial.com

+1-904-946-0737

