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# ZENMUSE H20N

Vision Beyond Darkness

## “N” for Night Vision

The Zenmuse H20N integrates starlight <sup>[1]</sup> sensors into its zoom and wide-angle cameras. Pair this with dual zoom thermal cameras and a laser rangefinder, and you have a versatile hybrid payload that rises to the occasion.



Starlight Night Vision



20× Hybrid Optical Zoom



640×512 px Thermal Camera



Laser Rangefinder  
1200 m Max Range



Synchronized  
Split-Screen Zoom



Intelligent Night Scene  
Enhancement



IP44 Rating



-20°C to 50°C  
Operating Temperature



## Dual Thermal Cameras

- Resolution: 640×512
- 2× Zoom  
(Equivalent Focal Length: 53 mm)
- 8× Zoom  
(Equivalent Focal Length: 196 mm)

## Night Vision Wide Camera

- Starlight Sensor
- 2MP
- Stronger Low-Light Performance

## Night Vision Zoom Camera

- Starlight Sensor
- 4MP
- 20× Optical Zoom
- 128× Max Zoom
- Low-Light Details

## Laser Rangefinder

- Range: 3 m to 1200 m
- Accuracy:  $\pm (0.2 \text{ m} + D \times 0.15\%)$  <sup>[2]</sup>

## More Intelligent Features

- PinPoint
- Smart Track
- High-Res Grid Photo
- One-Tap Panorama

## Applications

- Firefighting
- Search & Rescue
- Law Enforcement
- Powerline Inspection
- Oil & Gas

### Footnotes:

1. On clear, starry nights, people and vehicles are clearly visible at distances up to 150 meters from the drone.
2. D refers to the vertical distance between the laser rangefinder and the reflective surface.

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