

DHE1210300

Thermal monocular camera



- Industry-leading 384x288, 12μm uncooled Vox sensor.
- High sensitivity, NETD < 30 mK.
- High resolution 1440 × 1080 OLED display.
- Supports video recorder and snapshot capture.
- 32GB built-in storage.
- Ultra-low power consumption.
- IP67 protection rating.

Appearance and parameters are for reference only and may be changed without prior notice.

Technical specification		
Thermal		
Detector type	Uncooled vanadium oxide focal plane detector	
Effective pixels	384 × 288	
Pixel size	12 microns	
Spectral range	8 μm–14 μm	
Sensitivity (NETD)	<30 mK@f/1.0	
Focal length	25 mm; 35 mm	
Frames per second	50 Hz	
Opening	F1.0	
Focus control	Manual	
Field of view	25mm	height: 11.0°; V: 8.2°
	35mm	height: 7.8°; V: 5.9°
Detection range	25mm	1300m
	35mm	1800m
Extension	25mm	2.34x
	35mm	3.27x
Show		
Screen	0.41-inch OLED, 1440 × 1080	
Dioptr adjustment	- 4 to +5D	
Color palettes	6 (white hot/black hot/red iron/alarm emerald/amber)	
Video compression	MP4	
Brightness adjustment	Yeah	

Function

Digital zoom	1-
Video recorder	8X
Snapshot	Yes
Wi-Fi hotspot	Yes
Hotspot Track	Yes
Measure of distance	Yes
FCC	Yes
Standby	Yes
NUGGET	Yes
Storage	32Gb

Force

Battery Type	Built-in rechargeable lithium battery
Battery life	7.5h
Power supply	5V DC/2A, USB Type-C

General

Operating temperature	- 30 °C to +55 °C (-13 °F to +131 °F)
Operating humidity	≤95%
Degree of protection	IP67
Product Dimensions	190.5mm × 64.7mm × 69.6mm (length × width × height)
Weight	<450g