



5G Starlight Portable Night Vision Camera

Model: D05

Product intro :

The 5G color night vision camera is specially designed for the needs of ultra-high definition monitoring at night. It supports real-time transmission through the public network, including 5G and 4G functions, and is equipped with 16TOPS computing power, 7-inch multi-point touch screen, and other functions. It adopts a 20x optical zoom, with a night vision distance of up to 1000 meters.

Functions :

- 16 TOPS computility
- 1KM night vision distance
- 20x optical zoom
- Real time GPS/ track query
- 8000mAh Battery, continuous working for 8 hours
- 5G/4G/WIFI/BT
- Open API
- Android phone app/ PC software
- Thermal imaging(optional)

Main image :



Free
Software



1/1.8" sensor



AI Function



8000mAh
Battery

PICs :



Parameters :

Model	D05
Operating System	Android 12 system
Screen	7.0 inch multi-touch screen
Photosensitive element	1/1.8" SENSOR
Recording method/speaker	Built-in MIC
Voice options	Support Chinese/English/Multi-language
IR	Laser infrared light, automatic IR function
Lens focal length	F=6.7mm-134.5mm
Internal memory	4GB LPDDR4X+64GB UFS
Internet	5G/4G carrier free Sub-6 n41,n78,n79 SA&NSA-n1,n3,n5,n8,n28 (only SA) LTE FDD B1/3/5/8 LTE TDD B34/38/39/40/41 WCDMA B1/8
Bluetooth	5.2 DR/EDR/BLE
WIFI	802.11 a/b/g/n/ac/ax, (2X2 MIMO) 2.4G/5G
Optical multiple/aperture value	20 times
Digital zoom/zoom	18 times/auto zoom
LED size	7.0inch
Display Ratio	16:09
Brightness	1000cd/m2
Resolution/frame number	4K/30fps
Storage	Maximum support TF card 128G
Video format	MP4/MKV
Video encoding	(H.264/H.265)
External power supply	Support
battery	Built-in lithium battery 8000 mAh
Charging time	12 hours
Storage temperature working temperature	-30°C~80°C/-10°C~60°C
Size	220mm*185mm*150mm
Weight	1.8KG
Laser Power	3W/5W optional
Connector	Built-in USB/HDMI connector
Night/Day vision distance	1KM/2KM
Thermal Imaging parameters (optional)	Uncooled infrared focal plane detection Pixel: 320X240 Viewing angle: 45-50°6.52mm f1.18 Minimum focal length: 0.5 meters Thermal sensitivity: 0.1 °C Frame rate: 9Hz; wavelength range: 8-14um Measuring range: -10 to+330 °C Measurement accuracy: + 0.5°C(32--42) °C + -2 degrees: 100 °C + -1% above 100 °C