



# 微光夜视仪



## YS201



### 产品应用

武警刑侦  
安全监控  
水面搜救  
船舶航行  
户外运动  
打猎

### 产品特点

外观时尚：工业设计  
性价比高：同等性能，价格远低于同行业产品  
独特辅助功能：过曝保护

基于微光像增强器（超二代）的手持微光夜视仪，采用时尚的外观设计和紧凑的结构设计，可用于低照度环境进行夜视观察。手持微光夜视仪采用目视的观察方式，操作简便，具备过曝保护功能和USB充电，配备内置聚合物锂电池，续航时间超过23个小时。手持微光夜视仪成像倍率为1.8倍，成像清晰，可进行较远距离目标识别，是一款简洁、美观、稳定性好的新型夜视产品，可以广泛应用于户外运动、打猎、夜间巡逻等民用领域。

### 技术参数

探测器 Detector	
靶面尺寸	Φ18mm
响应波段	400nm~900nm
最低照度	$5 \times 10^{-4}$ lux
光学 Optics	
成像放大率	1.8 $\times$
分辨率	20m, $1 \times 10^{-3}$ lux, 对比度35%, 优于3mrad
物镜焦距	38mm
物镜光圈	F1.0
目镜出瞳距	21mm
目镜出瞳直径	7mm
辅助功能 Auxiliaryfunction	
光敏电阻	光敏电阻 Photoresistance
电源 Power	
电池	可充电锂电池 rechargeablebattery
整机功耗	0.13W
充电方式	USB
持续工作时间	>23h@25 $^{\circ}$ C
环境适应性 EnvironmentalSuitability	
工作温度	-25 $^{\circ}$ C ~ +40 $^{\circ}$ C
储存温度	-35 $^{\circ}$ C ~ +60 $^{\circ}$ C
物理特性 Physical	
外观尺寸	155mm(L) $\times$ 72mm(W) $\times$ 66mm(H)
产品重量	490g



YS201 based on image intensifier with fashionable appearance design and compact structure design. It can be used for observation in some low-light environment. The hand-held Night Vision works on visual way and can be operated easily which different from other night vision. It has two useful functions of High-light protecting and USB charging and YS201 is equipped with a rechargeable battery inside which can keep on working at least 30 hours. By the way . The Hand-held Night Vision With a image magnification of 1.8X that can clearly identify the target far away. In summary. it's a new night vision product which is compact, fashionable, and stable. It can be widely used in outdoor sports. hunting. night patrol and other civil fields.

#### Technical Parameter

##### The Detector

UCD :  $\varnothing 18\text{mm}$

Spectra range : 400nm-900nm

Minimum illumination:  $5 \times 10^{-4}\text{lx}$

#### Optical Parameters

Image magnification: 1.8x

Resolution :  $20\text{M } 1 \times 10^{-3}\text{lx}$ . Contrast 35% better than 3mrad

The focal lengths for objective lens: 38mm

The aperture of objective lens : F1.0

The Pupil Distance of eyepiece : 21mm

The pupil diameter of eyepiece : 7mm

#### Auxiliary Function

Over-exposure Protecting: Photoresistance

#### Power Source

Rechargeable Lithium Battery

Power Consumption : 0.13W

The Method Of Charge : USB

Continuous working time:  $> 23\text{h}@25^\circ\text{C}$

#### Environmental Adaptability

working temperature :  $-25^\circ\text{C} \sim +40^\circ\text{C}$

Storage temperature :  $-35^\circ\text{C} \sim +60^\circ\text{C}$

### The Physical Properties

Size : 155mm(L)×72mm(W)×66mm(H)

Weight : 490g

### Application

Criminal Investigation

Safety Monitoring

Search And Rescue

Ship Navigation

Outdoor Sports

Hunting

### Features

Fashionable Appearance : Industrial Design

High Cost Performance: With the same performance.the price is far lower than products in the same industry

Unique auxiliary function : Over-exposure Protecting