

# Raysun DN-Super D/N Long Distance Zoom Camera



\* Suitable for 24h fire outbreak, security check, rescue mission, coast line patrol, riot control, disaster events monitoring.

\* Optional wireless transmission feature supports remote monitoring.

■ Adopt 20x zoom optical lens to enhance the ability in recognition of car ID no. up to 200m and above if using with the IR laser illuminator under complete darkness.

### Features :

See through fog/mist	See through rain	Night vision	Laser
Illumination	Long distance observation	Transmission	Recording
Photography	Detection		

### Specification :

Optical system	
Magnification	20x
Focusing range	10mm~200mm
Max aperture	F1.9
Field of view	(Wide angle view) $\leq 33^{\circ} \times 26^{\circ} \times 19^{\circ}$ (as a telescope) $\leq 1.5^{\circ} \times 1.3^{\circ} \times 1^{\circ}$
Lens diameter	62mm
Image sensor	Sony Super HADCCDII
Digital image process	Double Scan DSP
Horizontal Resolution	700TV Lines
Min lux	0.001(IR off)
Auto shutter	1/50 (1/60) ~1/100000
Luminous gains(auto)	X2~X1024
Recording system	
Recording mode	General recording/Motion detection; with removable DVR for tactical use.
Support language	English · Japanese · Chinese
Operation	Manual/IR remote control
Time stamp	Y/M/D/H/M
Microphone	Live audio
Backlight time setting	OFF · 30 · 60 · 180 · 300/sec
Video resolution	720x480@30fps
Alert	Vibrating alert is given when on/off/low battery/full memory
Input system	NTSC/PAL
Output system	Real-time wireless transmission · USB · AV-out
Wireless transmission	Display on 2.5" monitor and do wireless transmission up to 50m
Power supply	Built-in rechargeable battery for continuous use of 8h.
Mount	3 sets of 1913 rail to use with extra light source (with DC power source)
Weight	Around 3000g
Lighting system	
Enhance illumination	Hand carry to monitor
Output power	CREE MC-E 10W LED(visible light)
Output luminosity	900lumen (under strong mode) 4 light modes available: strong / medium / weak / flashing
Effective range	Up to 500m in night time
Light intensity	1M: 13600Lux/20cm 2M: 3720Lux/40cm 3M: 1600Lux/70cm
Power	Built-in chargeable battery,

**Features**

**10W flashlight.  
Hand-carry available**



**High resolution AV recording system + real-time wireless transmission by WIFI**


**Able to use with 3W Laser IR Illuminator**



**Remote monitoring on Tablet PC or mobile phone**

**3W Laser IR Illuminator**

**Integrate 1913 rail with XY coordinate meter to adjust light projection angle in accordance with target position.**



Laser IR illuminator Specification	
IR spectrum	Above 880nm
IR output power	1-3W adjustable
Projection angle	Adjustable 1~15 degree
Effective range	Recognize car ID no. up to 200m under complete darkness
Power supply	Built-in chargeable battery

- Standard package :**
- (1). D/N Long Distance cam
  - (2). TPL-10 LED illuminator
  - (3). See-Through filter
  - (4). Shoulder strap
  - (5). Carrying case

- Option :**
- (1). Laser IR illuminator
  - (2). Tablet PC or mobile phone
  - (3). High-grade tripod (to reinforce stabilization.)