IR10 Infrared Zoom Spotlight

IR10 infrared Zoom Spotlight, using the latest laser fiber generator. The light power up to 12W. With 70 times optical zoom, infrared fill-in light to long distance, use together with IR mode DJI H20N/H20T, it can be a clear fill-in light. The infrared light is undetectable to the human eyes. It can achieve ultra-visible distance for stealth surveillance. The 940nm version is nearly IR exposure free, suitable for stealth surveillance.

IR10 can be directly mounted on DJI M300/350 RTK via DJI SkyPort V2.0 interface, providing users in the fields of reconnaissance, search and rescue, and inspection with insight beyond visual darkness.

Product Advantages

Through Smoke and Haze	Fiber Laser Infrared fill light	>1000 m Illumination distance	70 Times Large zoom

IR laser fill-in light for stealth surveillance

- Fiber laser generator Invisible by human eye
- Rated power up to 12W
- Rain and Smoke Haze see through
- Effective distance over 1000 meter

Linear zoom flexible adjustable light

- 70X zoom
- Precisely tracking
- Linear dimming adjustable
- Flexible control of brightness

Imaging optic with shell protection

- Imaging optic lens group
- Sharp and clear light fill-in
- Support starting at -35 degree centigrade
- Water/dust proof

Gimbal movement easy control

- Integrated smart chip
- Self-checking power supply condition and lamp board temperature
- Over discharge and over voltage can be independent power off
- Protection of power safety

Technical Parameters

Model	IR10	
Version	See through rain/haze IR fill-in light(940nm)	
Electrical Interface	DJI SkyPort V2.0	
Size	186*128*158mm	
Weight	800±5g	
Power	≤40W	
Out Light Power	12±0.5W	
FOV	0.56°-45°	
Luminous Wavelength	940nm	
Effective Distance	≥1000m	
Laser Safety Distance	≥90m	
Individual Control Angle	Pitch	-125°~+40°
	Horizontal	±320°
IR10 Mount	Pitch	-125°~+40°
No.1 head port + DJI H20T	Horizontal	-25°~+45°
IR10 mount	Pitch	-125°~+40°
No. 2 head port + DJI H20T	Horizontal	-15°~+12°
IR10 mount	Pitch	-125°~+40°
No.1 head port + DJI H20	Horizontal	±45°
IR10 mount	Pitch	-125°~+40°
No.2 head port + DJI H20	Horizontal	±45°
Working temperature	-20°C~+50°C	