



The CZ10 is a lightweight, high-efficiency lighting tool designed for multi-scenario use. When paired with an outdoor power supply or vehicle power output, it can provide long-duration illumination. Compact in size, the airborne and ground units together weigh only 3.5 kg and can be carried by a single person. It is easy to operate, requiring just three minutes to deploy from a backpack.

The CZ10 is a truly simplified lighting tool—easy to use, easy to learn, and affordable for everyone. Unlike other lighting drones, it requires no training; users can operate it simply by reading the manual, with no need for a professional pilot. It supports dual-mode operation for added flexibility, enables quick deployment, and is more cost-effective than other aerial lighting solutions.



Illumination
coverage



Lightweight
Airborne unit



High
Brightness



Safe
Redundancy

Product Advantages

Lightweight & Portable

- Total System Weight ≤3.5kg
- Quick to deploy

Single-operator

- Backpack carry
- Compatible with power station
- 24/7 operation

Emergency Lighting

- Airborne unit 100W delivers 16,000 lm
- Ground station 20W lighting flashlight
- 1300m² Illumination coverage

Rescue in Extreme Environments

- Earthquake relief
- Power outage lighting
- Mountain rescue

Technical Parameters

Model	CZ10		
Electrical interface	Aviation connector	Arm Indicator Light	Dual-color (Red-Green) LED
Total System Weight	≤3500g	Hovering Accuracy	±0.1m (horizontal/vertical)
IP Rating	IP4X	Maximum Yaw Rate	50deg/s
Airborne unit	≤249g	Maximum Tilt Angle	40°
Ground station	≤3200g	Maximum Flight Altitude	10m
Airborne unit Deployment	273*273*61mm	Tethered Continuous Flight Time	>24h
Airborne unit Folding	117*117*127mm	Maximum Wind Resistance	8m/s
Ground station	250*173*165mm	Positioning Technology	RTK(BDS+GPS+Galileo+GLONASS+QZSS)
Rated Airborne Light Power	≤100W	Operating Temperature	-10°C~+40°C
Max Arm Light Brightness	16000lm	Maximum Operating Altitude	3000m
Ground Flashlight Power	20W	Control Methods	Dual-mode Control (APP/Ground Station)
Illumination Coverage (10m)	1300m²	Integrated Battery	2500mAh\14.8V
(Using 3lx as the boundary)		Power Adapter	InPut:100-240V~50/60Hz 5.0A MAX
Lighting Modes	Ambient, Red/Blue Strobe, SOS		OutPut: 48.0V/5.0A 240W