


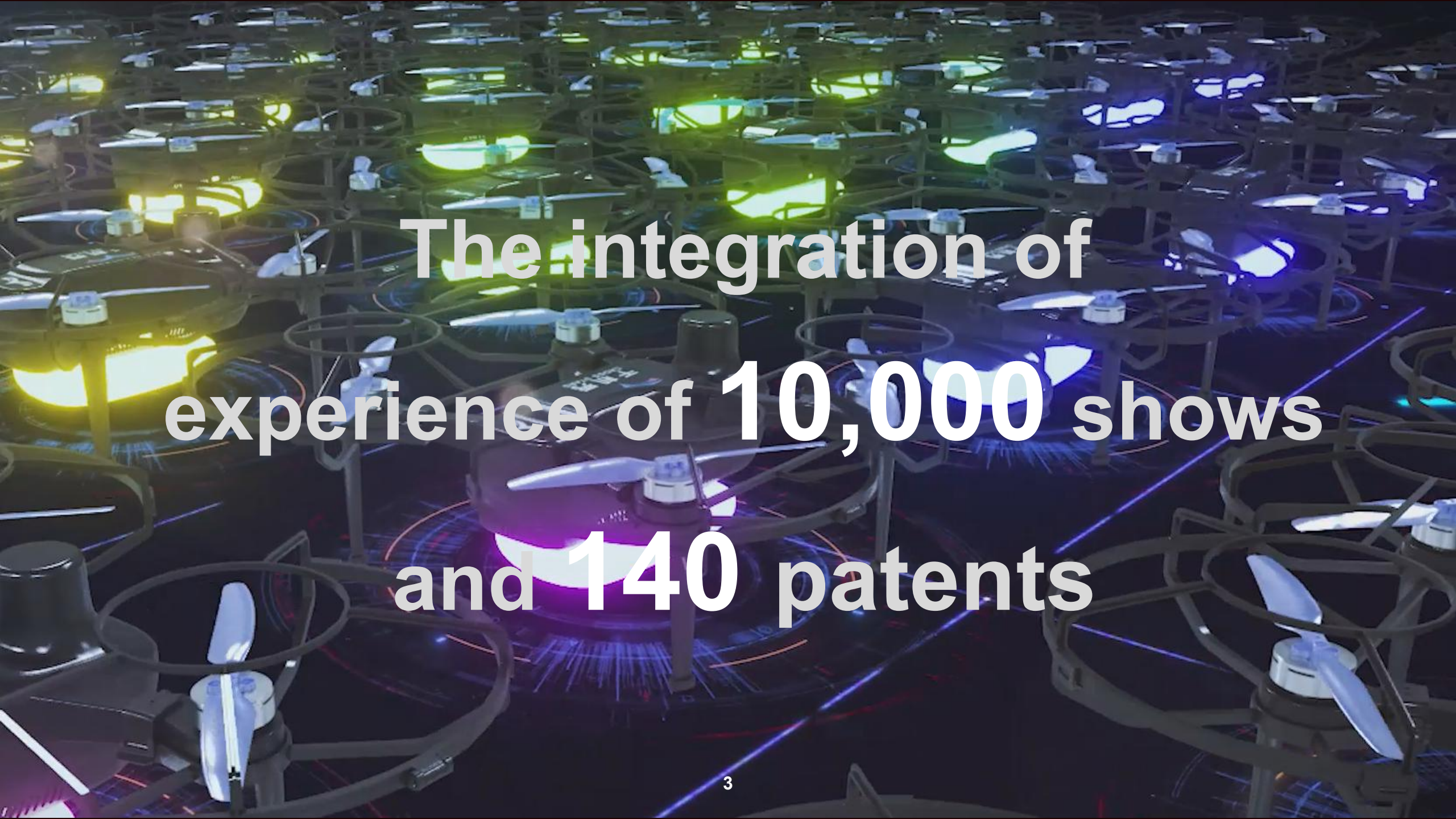


**This is CroStars III**



**Designed from scratch for the  
light show**





The integration of  
experience of 10,000 shows  
and 140 patents

# Safety First



Record of **300** thousand  
accident-free sorties

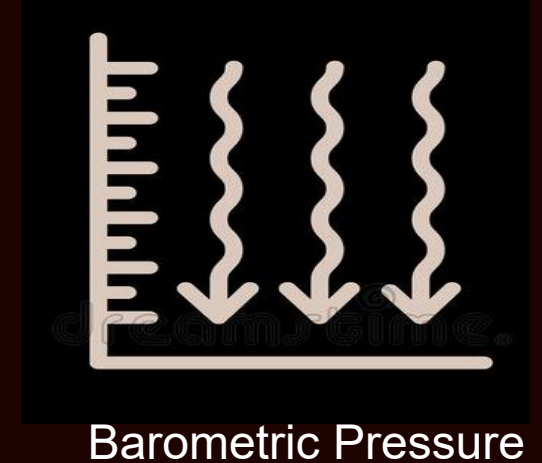


# Safety First



**Electric fence** keeps  
drones from flying out of  
predetermined safe space

# Safety First



**Redundant communication  
and sensory capabilities**



# Safety First

**Wind resistance** design and  
**slow descent** function provide  
damage prevention in extreme cases

# Safety First



**SOP** derived from  
thousands of shows and  
strict **training** for operators



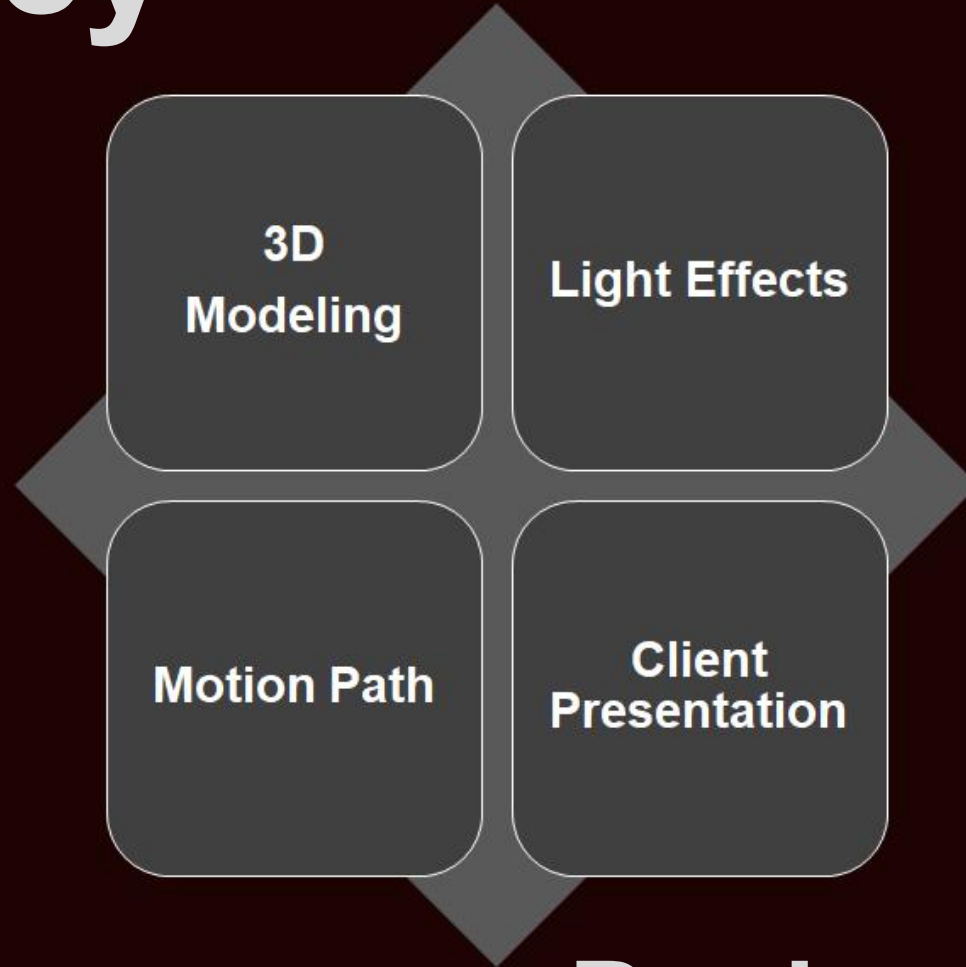
# Efficiency



**AUTOMATION**

**A workload of 4-5 man-days for a show with 500 CroStars III drones**

# Efficiency



**Design in one stop**



# Efficiency

**1,000+**

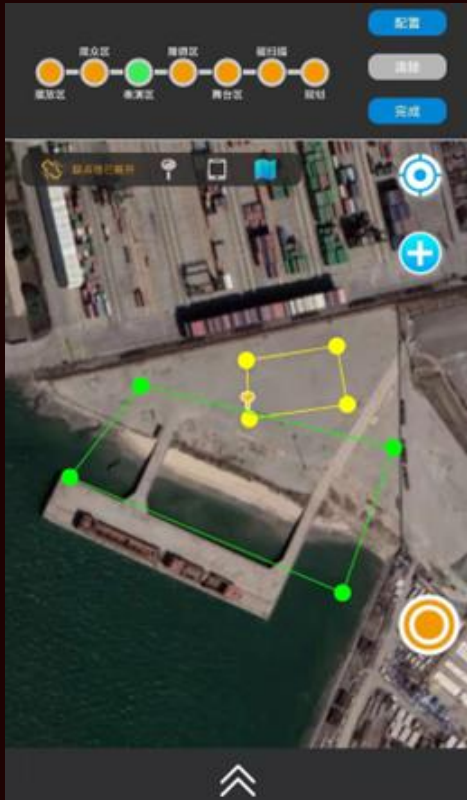
**built-in choreographing**

**Customized**

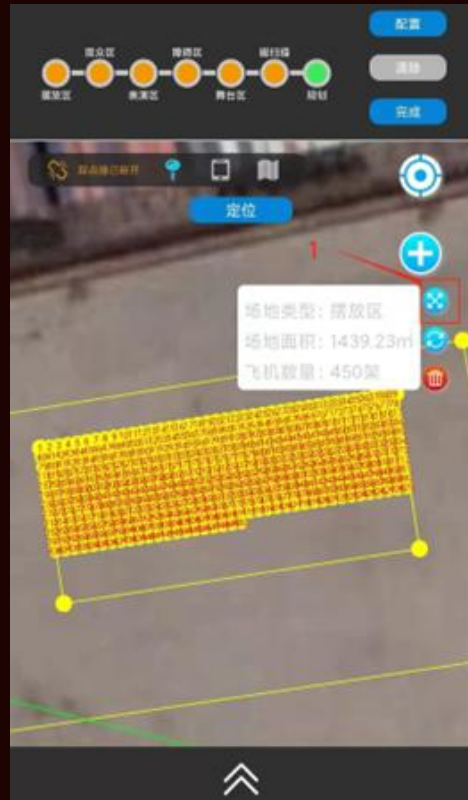
**design**

**Beginner friendly**

# Efficiency



Site Information Collection App



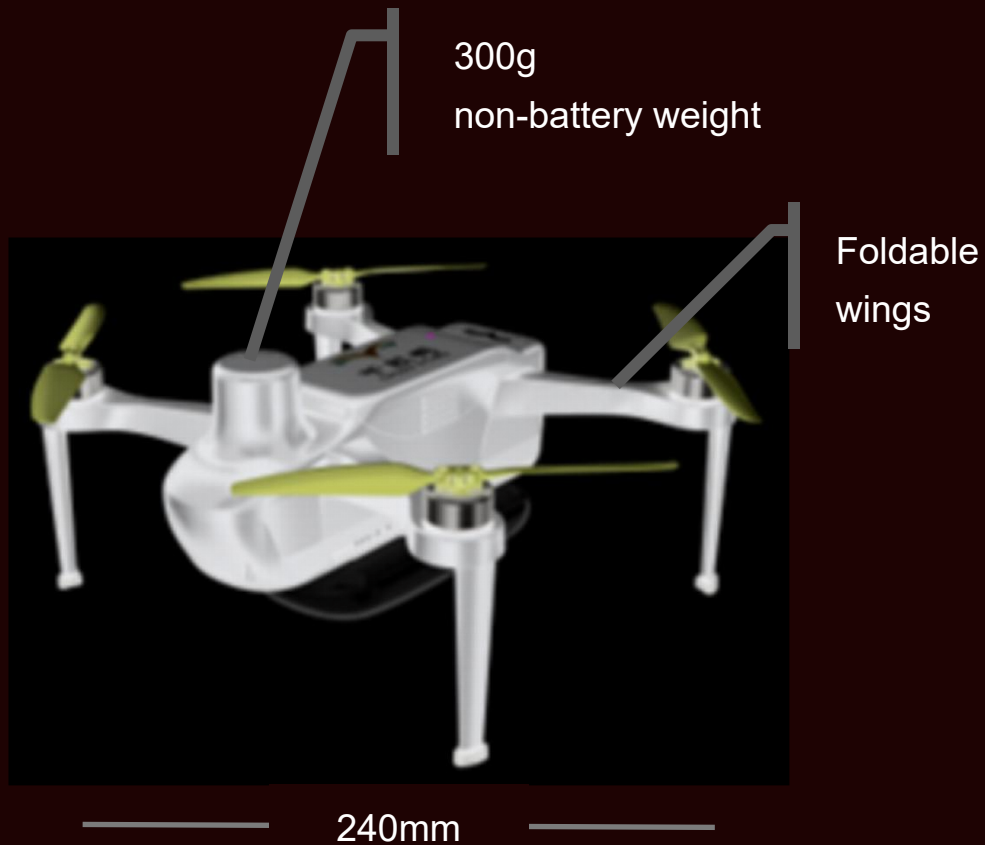
Operation Management Platform



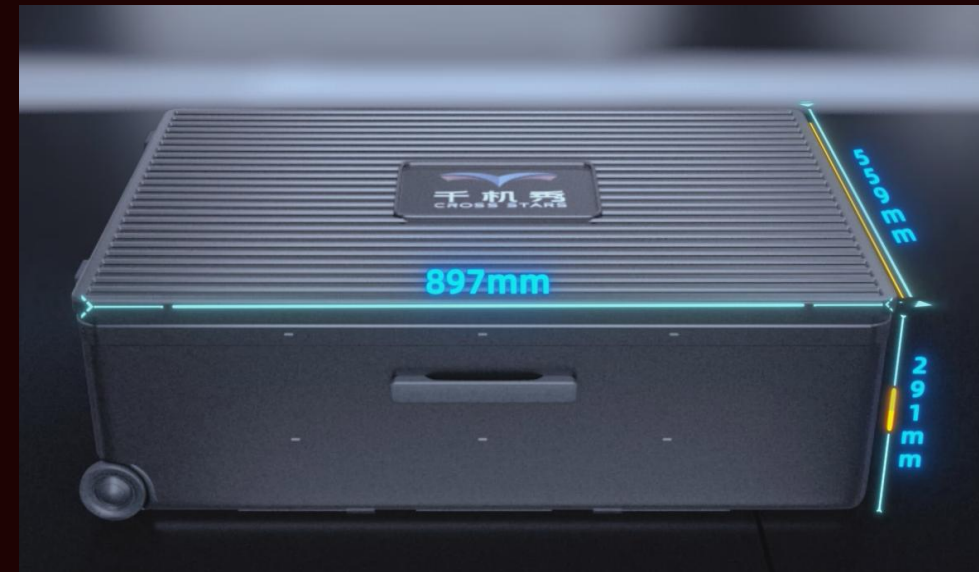
# Automated fieldwork process



# Efficiency



Carrying case for 20 drones



A compact van can carry  
**500** drones easily

# Loyal to Creativity



**High-definition, 3D, Dynamic**



# Loyal to Creativity

**10,000**

drones simultaneously

**Centimeter**

level RTK positioning

Maximum to **33** mins

flying time

**Bringing drone art to the next  
level of detailing and richness**

# Loyal to Creativity

**10m/s**

**Maximum flight  
speed**

**6m/s**

**Horizontal safe  
speed**

**3m/s**

**Vertical safe  
speed**

**Dynamic and smooth motions**

# A Variety of Solutions

Established drone  
art performer



Event organizer



Tourist attraction



and more...



# Specs

Item	Parameter		Item	Parameter		
<b>Look and Feel</b>	Weight	527g in total / 300g non-battery	<b>Flight</b>	Maximum Flying time	33 mins (flying)	
	Wheelbase	240mm			20 mins (show)	
	Size	278×260×115 mm (unfolded)		Speed	10m/s (maximum)	
215×197×115 mm (folded)		6m/s (horizontal safe)				
<b>Positioning and Control</b>	Positioning	GPS + RTK + Qianxun		Wind Resistance	3m/s (vertical safe)	
	Communication	Lora + Wi-Fi			Maximum to 10.7m/s	
	Protocol	Lora: 850.125-930.125 MHz			Minimal Distance Interval	1m (ground)
		Wi-Fi: IEEE 802.11a/b/g/n/ac				1.4m (air)
	Electric Fence Effectiveness	600m to taking off position			Maximum Altitude	3000m
Slow Descent	With	Operating Temperature		-20°C ~ 50°C		
<b>Battery and Power</b>	Type	Lithium	<b>Transportation</b>	Drone Carrying Case	Capacity: 20	
	Volume	3500mAh			Size: 837*559*291mm	
	Nominal Voltage	14.52V	Loaded Weight: 12.9kg			
	Operating Temperature	-20°C ~ 60°C	Battery Carrying Case	Capacity: 60		
	Storage Temperature	-20°C ~ 40°C		Size: 543*385*271mm		
<b>Light</b>	Type	LED	Loaded Weight: 17.2kg			
	Power	25W	<b>Design Life</b>	2000 working hours		
	Color	256*256*256 RGB				

# About and Contact

**CroStars Innovation is one of the world's leading drone show performers and the main provider of swarm drone systems.**

<https://www.crostars.show>

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**CroStars, Born to Show**