

SkyFlex™

Ultra-Light Flyable LED Display



InVisia
DISPLAYS

InVisia Displays Co., Ltd |See the Unseen Beyond the Screen

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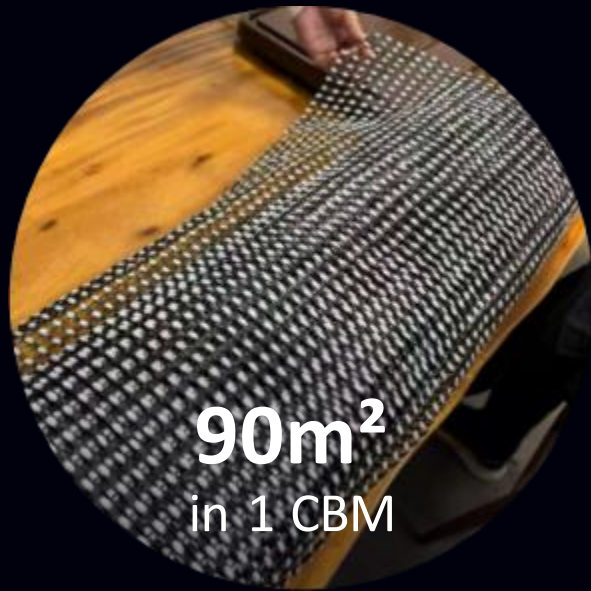
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LED Screen on Drone Specification					
Pixel Pitch	P10	P15	P20		
Pixel Density	10,000dots/m²	4,356 dots/m²	2,500 dots/m²		
Brightness	600nits	1200/2000nits	800/1800nits		
Transparency	40%	67%	75%		
Power consumption	400W/m², 160W/m²	300W/m², 120W/m²	130W/m², 40W/m²		
Product form	Mesh weaving				
Color	Full color				
Grayscale adjustment level	65536 levels (16bit)				
Output voltage	DC5V (DC12V optional)				
Supported video formats	MP4 / MKV / AVI / MOV / 3GP				
Supported image formats	JPEG / GIF / BMP / PNG				
IP Level	IP43	IP65	IP65		
Life Span	50,000 hours				
Control system	Redfive/Novastar				
Operating temperature	-20°C ~ 50°C				
Storage temperature	-40°C ~ 60°C				
Storage Humidity	Relative humidity ≤ 60% for P10; Relative humidity ≤85% for P15/P20				
Usage environment	P10 indoor; P15/P20, both indoor and outdoor				
Certificate	CE / RoHS / FCC				
RF5 Drone Specification					
Model	RF5 E10	RF5 E15	RF5 E25	RF5 E35	RF5 E50
No-load endurance	Max 40mins	Max 40mins	Max 40 mins	Max 40 mins	Max 40 mins
Load endurance	About 10 20mins	About 10 20mins	About 10 20 mins	About 10 20 mins	About 10 20 mins
Flight speed	80km/hour	80km/hour	100 km/hour	100 km/hour	100 km/hour
Hovering accuracy	0.35m	0.35m	0.35 m	0.35 m	0.35 m
Max size	1115*1230*450 mm	1365*1505*500 mm	1780*1960*550 mm	2190*2415*600 mm	2650*2915*700 mm
Folded size	400*400*450 mm	450*450*500 mm	650*650*550 mm	750*750*600 mm	900*900*700 mm
Load capacity	10kg	15kg	25kg	35kg	50kg
Suggested Magicsky size (H/V)	Popular size: 2*4m or less than 8sqm	Popular size: 3*4m or less than 12sqm	Popular size: 3*6m or less than 20sqm	Popular size: 4*7m or less than 28sqm	Popular size: 4*10m or less than 40sqm
Suggested pixel pitch	P15	P15	P20	P20	P20/P25

Description:

SkyFlex™ is an innovative LED display designed specifically for drone-mounted applications. With its ultra-lightweight, ultra-thin, highly transparent, and wind-permeable design, it is ideal for artistic performances, low-altitude advertising, drone shows, and cultural tourism events. Its flexible, rollable structure and efficient transportation and storage make

Magicsky a game-changer in creative visual displays, leading the next generation of aerial visual experiences.



Flexible and Rollable, Easy to Transport

Flexible design allows rolling and folding to fit diverse performances, while compact storage of 90 m² per cubic meter, cuts transport, storage, and labor costs.



Thickness: **4mm**



Weight:**1.2KG/m²**

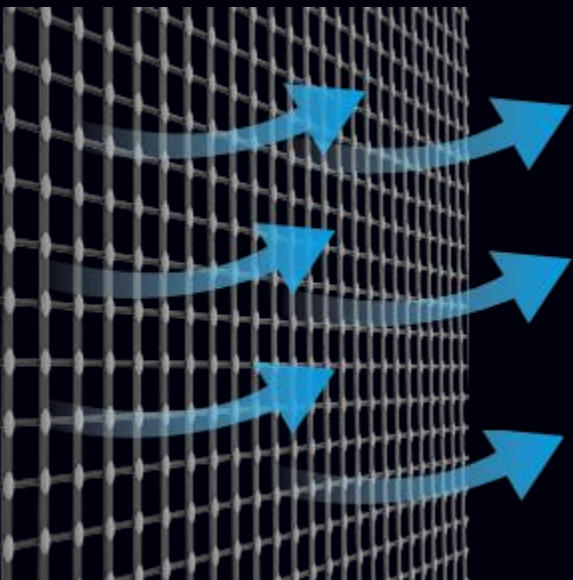
Ultra-Light and Ultra-Thin for Seamless Flight

Weight: Less than 1.2kg/ m², significantly reducing drone load. Thickness: Less than 4mm, offering extreme thinness for versatile performances.

High Transparency & Wind Permeability

Up to **70%** Transparency & Wind Permeability

Enjoy crystal-clear visuals with minimal wind resistance perfect for low-altitude, outdoor drone performances.



Energy-Efficient with Smart Control

Control Methods: Supports APP/PC operation, WiFi+4G remote control, and single or multi-screen control.

Playback Formats: Compatible with MP4, RMVB, MKV, AVI, and other mainstream video formats for refined visuals.

Eco-Friendly: Low power consumption design suitable for extended use.



APP/PC/USB/WiFi+4G

Multiple modes make sending programs easier, with one click sending on a mobile app

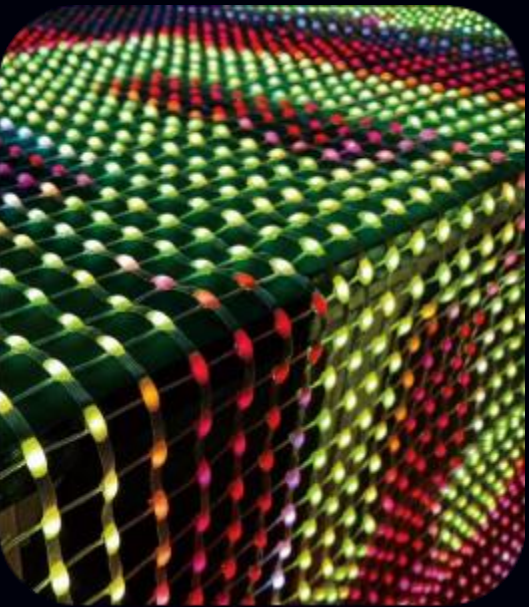
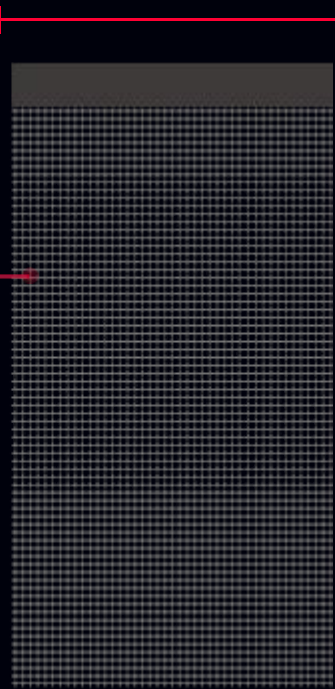
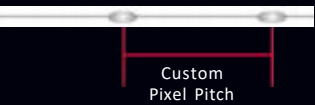


Customizable Sizes
for Versatile Applications

Fully customizable sizes to meet diverse event requirements。



LED Bead Size: 11*5.5mm



Durable and Reliable
Performance

Made from high-transparency mesh material, soft as cloth, making it easy to transport and install. Patented alignment technology ensures uniform LED arrangement for Stability and high-quality visuals.

CREATIVE APPLICATION SCENARIOS

