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MUSSYS SM-FPV13IRF

FPV Kamikaze drone

- AI Recognizes Dynamic Tracking
- Two Axis Pan-Tilt
- 10KM. Digital Image Transmission
- Payload Up to 5kg
- Route Planning

MUSSYS SM-FPV13IRF Parameters

Folded Dimension	W179 x L347 x H114 mm
Unfolded Dimension	W412 x L422 x H114 mm
Weight with Paddles and 12000 mAh Battery	3150 g
Diagonal Distance	530 mm
Payload	Up to 5kg
Propellor	3 Blades 13 Inch Paddle
Flight Speed	100 km/h
Battery	22.2 V 6S 12000 mAh
Flight Distance	10 km
Battery Life	Without Payload ≈ 33 min With 5 kg Payload ≈ 10 min With 7 kg Payload and 8000 mAh Battery X2 ≈ 8 min
Motor	BLDCM #4214 KV660
GPS	GPS 10th generation M10 chip UBLOX
Location System	Return to Base With One Click
Operating Temperature	-20°C ~ 70°C
Frequency	2.4GHz



Packaging Size :
460 x 400 x 290 mm





RC



Charger



Battery

Visible Light Lens Parameters

Lens Pixel	500 W
VTX Resolution	1280 x 720
Lens Focal Length	F = 3.5 ~ 4.75 mm
Photo & Video Resolution	1280 x 1440
Aperture	F 2.0
Zoom Multiple	30X
HFO/VFO/DFOV	F 2.0
Memory Card Type	MicroSD Max 256G Fat32

Thermal Lens Parameters

Resolution	384 x 288
Aperture	F 1.0
Frame Rate	<25Hz
FOV	24.8°
Thermal Response Time	<10ms
Pixel Spacing	24.8°
Focal Lengrh	7 mm
Spectral Range	8 ~ 14 µm

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