

Drones - Professional FPV drone customization.

拥抱非凡，选择我们的穿越机定制服务，释放你的想象力，共同打造独一无二的飞行机器。无论你是专业竞速选手，渴望获得竞争优势；还是摄影爱好者，想追求独特空中体验，我们的专业团队都致力于将你的愿景变为现实。凭借精湛工艺和专业技术，从机身设计到动力系统，从电子设备配置到操控性能调校，我们精心雕琢每一个细节，确保为你提供极致飞行体验，为你铸就专属空中利器，让你在天空中自由驰骋，展现独特风采。我们定能打造出满足你特定需求、超越期望的定制穿越机。而您将驾驶为你量身定制的穿越机，飞向新高度，开启震撼飞行之旅。

Embrace the extraordinary by choosing our FPV drone customization service. Unleash your imagination and create a unique flying machine together. Whether you are a professional racing player eager to gain a competitive edge or a photography enthusiast seeking a unique aerial experience, our professional team is committed to turning your vision into reality. With exquisite craftsmanship and professional technology, from fuselage design to power system, from electronic equipment configuration to control performance adjustment, we carefully carve every detail to ensure an extreme flight experience for you and create an exclusive aerial weapon for you. Let you freely gallop in the sky and show unique charm. We will definitely be able to create a customized FPV drone that meets your specific needs and exceeds your expectations. And you will fly to a new height and start a shocking flight journey by piloting the customized FPV drone tailored for you.

Conventional model FPV 10'



FPV 10' 穿越机10寸

Size: 420*420*12mm



FPV 10' X6穿越机十寸6轴

Size: 456*456*60mm



FPV 10' 穿越机10寸8轴

Size: 410*410*100mm

Conventional model (FPV 7' 13' 15')



FPV 7' 穿越机7寸

Size: 276*242*50mm



FPV 13' 穿越机13寸

Size: 489*489*80 mm



FPV 15' 穿越机15寸

Size: 517*517*80mm

FPV 7' 穿越机7英寸



最高速度
额定载荷
最大载荷
图传
空载续航时间
额载续航时间
产品尺寸
机架轴距
机臂厚度
电机
摄像头
天线
接收机
GPS模块
桨叶
推荐电池

Maximum speed: 150km/h
Rated Load: 1.5kg
Max Load: 2kg
VTX: 5.8G 48CH 3W Farthest flight 15km
Empty endurance: 29min 6s8000mah, 1.68kg
Rated Load time: 14min 6s10000mah, 3.2kg
Product size: 276*242*60mm
Wheelbase: 312mm
Arm Thickness: 6mm
Motor: 4*2807 1350kv 6s
FPV Camera: 1800TVL 5-40V(Optional)
Antenna: 5.8G SMA L150mm
Receiver: ELRS915M
GPS: Optional M10
Propeller: 7040 3-blade (4pcs)
Recommend Lipo Battery: 6s 8000mah 50C XT60 1kg

FPV 10' 穿越机10英寸4轴



最高速度
额定载荷
最大载荷
图传
空载续航时间
额定续航时间
产品尺寸
机架轴距
机臂厚度
电机
摄像头
天线
接收机
GPS模块
桨叶
推荐电池

Maximum speed: 160km/h
Rated Load: 3kg
Max Load: 4kg
VTX: 5.8G 48CH 3W Farthest flight 15km
Empty endurance: 28min 6s 10000mah, 2.2kg
Rated Load time: 10min 20s 6s 10000mah, 5.2kg
Product size: 420*420*60mm
Wheelbase: 396mm
Arm Thickness: 7mm
Motor: 4*3115 900kv 6s
FPV Camera: 1800TVL 5-40V(Optional)
Antenna: 5.8G SMA L150mm
Receiver: ELRS915M
GPS: Optional M10
Propeller: 1050 3-blade (4Pcs)
Recommend Lipo Battery: 6s 10000mah 25C XT60 1.3kg

FPV 10' X6穿越机10英寸6轴



最高速度
额定载荷
最大载荷
图传
空载续航时间
额定续航时间
产品尺寸
机架轴距
机臂厚度
电机
摄像头
天线
接收机
GPS模块
桨叶
推荐电池

Maximum speed: 156km/h
Rated Load: 5kg
Max Load: 6kg
VTX: 5.8G 48CH 3W Farthest flight 15km
Empty endurance: 26min 6s6000mah*2, 3.5kg
Rated Load time: 10min 6s6000mah*2, 8kg
Product size: 456*456*60mm
Wheelbase: 484mm
Arm Thickness: 7mm
Motor: 6* 3115 900kv 6S
FPV Camera: 1800TVL 5-40V(Optional)
Antenna: 5.8G SMA L150mm
Receiver: ELRS915M
GPS: Optional M10
Propeller: 1050 3-blade (6pcs)
Recommend Lipo Battery: 2* 6S 6000 mah 50C

UAV parameter description

FPV 10' 穿越机10英寸8轴



最高速度
额定载荷
最大载荷
图传
空载续航时间
额定续航时间
产品尺寸
机架轴距
机臂厚度
电机
摄像头
天线
接收机
GPS模块
桨叶
推荐电池

Maximum speed: 160km/h
Rated Load: 4.5kg
Max Load: 5kg
VTX: 5.8G 48CH 3W Farthest flight 15km
Empty endurance: 25min 6s10000mah, 3kg
Rated Load time: 9min 6s10000mah, 7.5kg
Product size: 410*410*100mm
Wheelbase: 484mm
Arm Thickness: 7mm
Motor: 8* 3115 900kv 6S
FPV Camera: 1800TVL 5-40V(Optional)
Antenna: 5.8G SMA L150mm
Receiver: ELRS915M
GPS: Optional M10
Propeller: 1050 3-blade (8pcs)
Recommend Lipo Battery: 6S 10000 mah 50C

FPV 13' 穿越机13英寸4轴



最高速度
额定载荷
最大载荷
图传
空载续航时间
额定续航时间
产品尺寸
机架轴距
机臂厚度
电机
摄像头
天线
接收机
GPS模块
桨叶
推荐电池

Maximum speed: 133km/h
Rated Load: 6kg
Max Load: 7kg
VTX: 5.8G 48CH 3W Farthest flight 15km
Empty endurance: 36 min 2* 8s8000mah 5.2kg
Rated Load time: 11 min 2* 8s8000mah 11kg
Product size: 489*489*80 mm
Wheelbase: 647mm
Arm Thickness: 10mm
Motor: 4*4214 440kv 8s
FPV Camera: 1800TVL 5-40V(Optional)
Antenna: 5.8G SMA L150mm
Receiver: ELRS915M
GPS: Optional M10
Propeller: 1310 3-blade (4Pcs)
Recommend Lipo Battery: 2*8s 8000mah 30C XT60 2.04kg

FPV 15' 穿越机15寸4轴



最高速度
额定载荷
最大载荷
图传
空载续航时间
额定续航时间
产品尺寸
机架轴距
机臂厚度
电机
摄像头
天线
接收机
GPS模块
桨叶
推荐电池

Maximum speed: 130km/h
Rated Load: 7kg
Max Load: 8kg
VTX: 5.8G 48CH 3W Farthest flight 20km
Empty endurance: 42min 2*8s8000mah, 4.9kg
Rated Load time: 12min 2*8s8000mah, 11.8kg
Product size: 517*517*80mm
Wheelbase: 647mm
Arm Thickness: 10mm
Motor: 4*4214 380kv 8s
FPV Camera: 1800TVL 5-40V(Optional)
Antenna: 5.8G SMA L150mm
Receiver: ELRS915M
GPS: Optional M10
Propeller: 1507 3-blade (4Pcs)
Recommend Lipo Battery: 2*8s 8000mah 30C XT60 2.04kg



7寸

最大起飞高度：约5000米
采用高效：2807电机
最高速度：160公里每小时
最远飞行：20km
额定载重：1500g
最大载重：2300g
最大起飞重量：3300g
空载续航时间：29 min 6s8000mah,1.68 kg
额载续航时间：14 min 6s10000mah,3.2 kg

裸重：540g
机架：7寸机架
轴距：312mm
尺寸：276mm*242mm*45mm
材质：3K T300碳纤维
飞控：TCMM BL F405（可选配）
电调：TCMM 60A四合一
图传：TCMM 3W图传（可选配）
摄像头：TCMM1800TVL低延时FPV摄像头（可选配）
电机：TCMM 2807 1350KV
螺旋桨：7035(PC)
推荐电池：6S 8000 50C XT60插头



8寸

最大起飞高度约5000米
采用高效2812电机
最高速度160公里每小时
最远飞行20km
额定载重：2000g
最大载重：2500g
最大起飞重量：4200g
空载续航时间:29 min 6s8000mah,1.72 kg
额载续航时间:13min 6s10000mah,3.5kg

裸重：608g
机架：8寸机架
轴距：354mm
尺寸：321mmX235mm*50mm
材质：3K T300碳纤维
飞控：TCMM BL F405（可选配）
电调：TCMM 60A四合一
图传：TCMM 3W图传（可选配）
摄像头：TCMM1800TVL低延时FPV摄像头（可选配）
电机：TCMM 2812 1050KV
螺旋桨：8040(PC)
推荐电池：6S 8000 50C XT60插头



10寸

最大起飞高度约5000米
采用高效3115电机
最高速度153公里每小时
最远飞行20km
额定载重：3000g
最大载重：4000g
最大起飞重量：6000g
空载续航时间:28 min (6s10000mah,2.2kg)
额载续航时间:10min 20s(6s10000mah,5.5kg)

裸重：793g
尺寸（mm）：420*420*60
机架：10寸机架
轴距：396mm
飞控：TCMM BL F405（可选配）
电调：TCMM 60A四合一
图传：TCMM 3W图传（可选配）
摄像头：TCMM1800TVL低延时FPV摄像头（可选配）
电机：TCMM 3115 900KV
螺旋桨：1050(碳纤维龙)
推荐电池：6S 10000 45C XT60插头

UAV parameter description



10寸 x 8

最大起飞高度约5000米
采用高效3115电机
最高速度156公里每小时
最远飞行20km
额定载重：4500g
最大载重：5000g
最大起飞重量：8000g
空载续航时间:25 min (6s10000mah,3kg)
额载续航时间:9min (6s10000mah,7.5kg)

裸重：1580g
尺寸 (mm)：410*410*100
机架：479mm轴距 10寸X8机架
飞控：TCMM BL F405 (可选配)
电调：TCMM 60A四合一
图传：TCMM 3W图传 (可选配)
摄像头：TCMM1800TVL低延时FPV摄像头 (可选配)
电机：TCMM 3115 900KV
螺旋桨：1050 (碳纤维尼龙)
推荐电池：6S 10000 50C LCB50插头



13寸碳板版

最大起飞高度约5000米
采用高效4214电机
最高速度133/135公里每小时
最远飞行20km
额定载重：6000g
最大载重：7000g
最大起飞重量：11000/11300g
空载续航时间:37/36 min (8s16000mah,4.9/5.2kg)
额载续航时间:11 mins(8s16000mah,10.9/11kg)

裸重：1850/1950g
机架：13寸机架
轴距：600/593mm
尺寸：540*540*14.5/489*489*80mm
材质：3K T300碳纤维
飞控：TCMM BL F405 (可选配)
电调：TCMM 80A单体电调
图传：TCMM 3W图传 (可选配)
摄像头：TCMM1800TVL夜视FPV摄像头 (可选配)
电机：TCMM 4214 440KV
螺旋桨：1310(玻纤尼龙)
推荐电池：8S 16000 50C LCB50插头



15寸

最大起飞高度约5000米
采用高效4214电机
最高速度130公里每小时
最远飞行20km
额定载重：7000g
最大载重：8000g
最大起飞重量：13000g
空载续航时间:42 min (8s16000mah,4.9kg)
额载续航时间:12 min(8s16000mah,11.8kg)

裸重：2080g
机架：15寸机架
轴距：647mm
尺寸：517*517*80mm
材质：3K T300碳纤维
飞控：TCMM BL F405 (可选配)
电调：TCMM 80A单体电调
图传：TCMM 3W图传 (可选配)
摄像头：TCMM1800TVL夜视FPV摄像头 (可选配)
电机：TCMM 4214 380KV
螺旋桨：1507(玻纤尼龙)
推荐电池：8S 16000 50C LCB50插头

UAV parameter description

图传天线



产品型号
适用频段
频率范围
左右旋极化
增益
垂直面半功率角度
轴比
驻波比
天线接口

ANT12A
1.2GHz
1100-1300MHz
RHCP
5dB
80°
<2dB
≤1.3
SMA

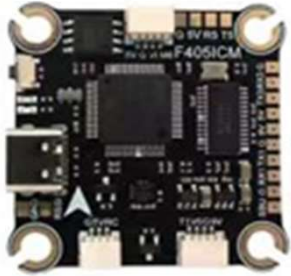


ANT33A
3.3GHz
3290-3430Mhz
RHCP
5dB
80°
<2dB
<1.8
SMA



ANT58A
5.8GHz
5645-5945Mhz
RHCP
5dB
80°
<2dB
<1.8
SMA

飞行控制器

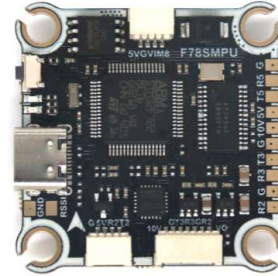


型号
主控芯片
陀螺仪
支持大疆
电压转换器
输入电压
支持接收器
黑匣子
气压计
支持GPS
电机输出
通用串口
固件
RGB灯带
蜂鸣器接口
芯片
PCB板尺寸
安装孔
重量

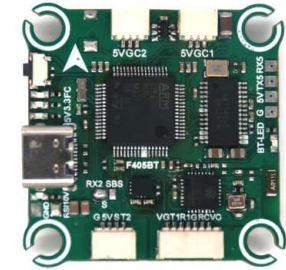
Name: F405 V1 支持DJI
MCU: STM32F405
Gyro: ICM42688
Support DJI: YES
BEC: 9V/2A,5V/3A
Input voltage: 3-6 S Lipo
Support Receiver: PPM,Ibus,Sbus,Dsmx
Black box: 16M
Barometer: 德国Bosch BMP280
GPS: YES
Motor: 8CH
Serial port: 4CH
Firmware: Betaflight F4 INAV
LED: YES
Buzzer interface: YES
Betaflight OSD: YES AT7456E
PCB Size: 37*37 mm
Mounting Hole: M3*30.5*30.5 mm
Weight: 9 g



Name: F405 V2 支持DJI
MCU: STM32F405
Gyro: MPU6000
Support DJI: YES
BEC: 9V/2A,5V/3A
Input voltage: 3-6 S Lipo
Support Receiver: PPM,Ibus,Sbus,Dsmx
Black box: 16M
Barometer: 德国Bosch BMP280
GPS: YES
Motor: 8CH
Serial port: 4CH
Firmware: Betaflight F4 INAV
LED: YES
Buzzer interface: YES
Betaflight OSD: YES AT7456E
PCB Size: 37*37 mm
Mounting Hole: M3*30.5*30.5 mm
Weight: 10 g

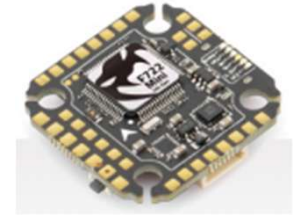
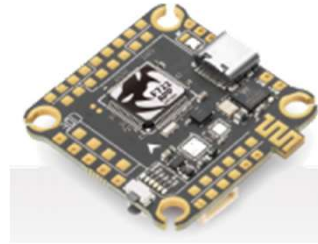


Name: F722 8S
MCU: STM32F722
Gyro: MPU6000
Support DJI: YES
BEC: 10V/2A,5V/3A
Input voltage: 3-8 S Lipo
Support Receiver: PPM,Ibus,Sbus,Dsmx
Black box: 16M
Barometer: 德国Bosch BMP280
GPS: YES
Motor: 8CH
Serial port: 4CH
Firmware: Betaflight F4 INAV
LED: YES
Buzzer interface: YES
Betaflight OSD: YES AT7456E
PCB Size: 37*37 mm
Mounting Hole: M3*30.5*30.5 mm
Weight: 9.5 g



Name: F405 V2 双摄像头, DJI直插, 蓝牙
MCU: STM32F405
Gyro: ICM42688
Support DJI: YES
BEC: 9V/2A,5V/3A
Input voltage: 3-6 S Lipo
Support Receiver: PPM,Ibus,Sbus,Dsmx
Black box: 16M
Barometer: 德国Bosch BMP280
GPS: YES
Motor: 8CH
Serial port: 4CH
Firmware: Betaflight F4 INAV
LED: YES
Buzzer interface: YES
Betaflight OSD: YES AT7456E
PCB Size: 37*37 mm
Mounting Hole: M3*30.5*30.5 mm
Weight: 9.5 g

飞行控制器



型号
主控芯片
陀螺仪
OSD
电压转换器
输入电压
接收器
黑匣子
气压计
I2C信号
电调输出
通用串口
固件

Name: F405MK2 V2
MCU: STM32F405
Gyro: ICM42688
OSD: AT7456E
BEC: 3.3V,0.5A/ 5V ,2A/9V,2A
Input voltage: 3-6 S Lipo
RECEIVER: CRSF/SBUS/IBUS/DSM
Black box: 16M
Barometer: NO
I2C signal: YES
ESC Output: 4 Set
Serial port: 3Set
Firmware: FURYF4OSD

RGB灯带
蜂鸣器接口
安装孔
重量

LED: YES
Buzzer interface: YES
Mounting Hole: 30.5mm/M3
Weight: 9 g

MK4 F405 MINI
STM32F405
ICM42688
AT7456E
/
4-6S Lipo
CRSF/SBUS/IBUS/DSM
16M
YES
YES
6 Set
6 Set
MPU6000:MAMBA F405_2022AI
CM42688P:MAMBA F405_2022B
YES
YES
20.0*20.0mm,M3/M2
6.0 g

MK4 F722APP
STM32F722
ICM42688
AT7456E
/
4-6S Lipo
CRSF/SBUS/IBUS/DSM
16M
YES
YES
8 Set
6 Set
MPU6000:MAMBA F405_2022AI
CM42688P:MAMBA F405_2022B
YES
YES
30.5*30.5mm/M3
10.0 g

MK4 F722 MINI
STM32F722
ICM42688
AT7456E
/
4-6S Lipo
CRSF/SBUS/IBUS/DSM
16M
YES
YES
8 Set
6 Set
MPU6000:MAMBA F405_2022AI
CM42688P:MAMBA F405_2022B
YES
YES
20.0*20.0mm,M3/M2
6.0 g

UAV parameter description

飞行控制器



型号
主控芯片
陀螺仪
OSD
输入电压
接收器
黑匣子
气压计
I2C信号
电调输出
通用串口
协议
输出电流
峰值电流
RGB灯带
蜂鸣器接口
安装孔
尺寸
重量

Name: DCM465 X4
MCU: STM32F405
Gyro: ICM42688
OSD: AT7456E
Input voltage: 4-6 S Lipo
RECEIVER: YES
Black box: 16M
Barometer: YES
I2C signal: YES
ESC Output: 4 Set
Serial port: 6 Set
Firmware: DSHOT 300/600
OUTPUT CURRENT: 65A
PEAK VURRENT: 70A
LED: YES
Buzzer interface: YES
Mounting Hole: 60X60mm,M3/M2
SIZE: 67X75X17.5mm
Weight: 49 g

DCM470 X4
STM32F405
ICM42688
AT7456E
4-6 S Lipo
YES
16M
YES
YES
4 Set
6 Set
DSHOT 300/600
70A
75A
YES
YES
60X60mm,M3/M2
67X75X17.5mm
49 g

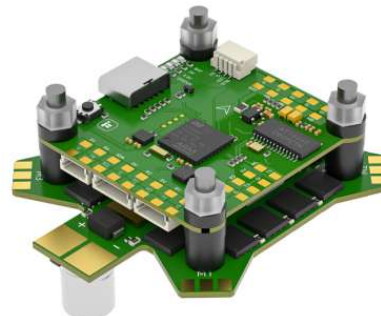
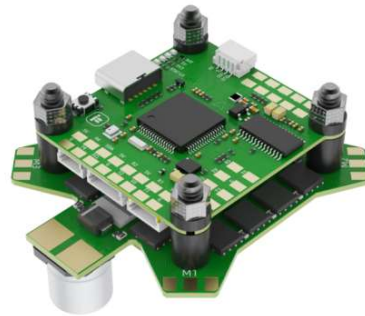
DCM475 X4
STM32F405
ICM42688
AT7456E
4-6 S Lipo
YES
16M
YES
YES
4 Set
6 Set
DSHOT 300/600
75A
80A
YES
YES
60X60mm,M3/M2
67X75X17.5mm
49 g

DCM480 X4
STM32F405
ICM42688
AT7456E
4-6 S Lipo
YES
16M
YES
YES
4 Set
6 Set
DSHOT 300/600
80A
85A
YES
YES
60X60mm,M3/M2
67X75X17.5mm
49 g

DCM485 X4
STM32F405
ICM42688
AT7456E
4-6 S Lipo
YES
16M
YES
YES
4 Set
6 Set
DSHOT 300/600
85A
90A
YES
YES
60X60mm,M3/M2
67X75X17.5mm
49 g

UAV parameter description

飞塔



型号
处理器
陀螺仪
气压计
OSD
BEC
黑匣子
串口
协议
LED灯带
BB响
固件
外尺寸
孔位尺寸
重量

Name: BLITZ Mini F7 (E55R 4-IN-1)
Processor: STM32F722 (216MHz)
Gyro: ICM42688
Barometer: DPS310
OSD: IFLIGHT OSD (AT7456E)
BEC: 5V 2.5A
Black box: 8MB
Serial port: 6
Protocol: Smartaudio、IRCTramp
LED strip light: Yes
BB: Yes
Firmware: IFLIGHT_BLITZ_F722
External size: 30.5*27mm
Hole size: 20*20mm/φ4
Weight: 5.0g

BLITZ F7 Stack (E55 4-IN-1)
STM32F722
ICM42688
DPS310
IFLIGHT OSD (AT7456E)
5V 2.5A / 9V 2A
32MB
6
Smartaudio、IRCTramp
Yes
Yes
IFLIGHT_BLITZ_F722
36.5*35mm
30.5*30.5mm
7.8g

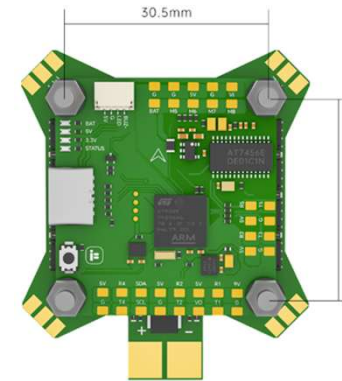
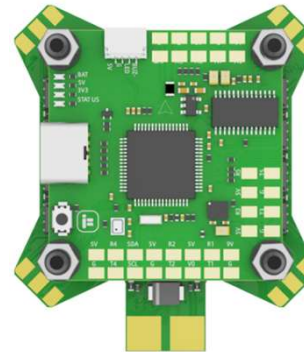
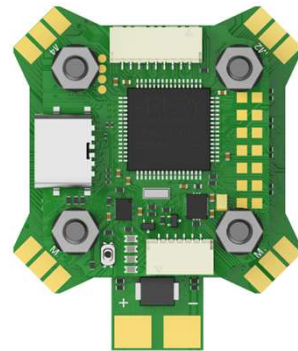
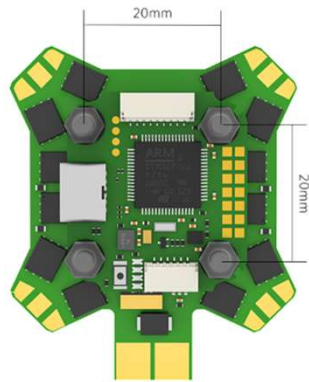
BLITZ F745 Stack (E55 4-IN-1)
STM32F745
ICM42688
DPS310
AT7456E
5V 2.5A / 9V 2A
32MB
6
Smartaudio、IRCTramp
Yes
Yes
IFLIGHT_BLITZ_F7_AIO
36.5*35mm
30.5*30.5mm
7.8g

BLITZ ATF435 Stack(E55S 4-IN-1)
AT32F435CGU7
ICM42688
DPS310
AT7456E
5V 2.5A / 9V 2A
32MB
6
Smartaudio、IRCTramp
Yes
Yes
IFLIGHT_BLITZ_ATF435
36.5*35mm
30.5*30.5mm
7.8g

BLITZ Wing H743 (E80 Single)
STM32H743
ICM42688P
DPS310
AT7456E
5V 2.5A / 9V 2.5A / 5-8.4V 6^a
MicroSD card
8
Smartaudio、IRCTramp
Yes
Yes
IFLIGHT_BLITZ_Wing_H743
36.9*52mm
30.5*30.5mm
35g

UAV parameter description

电调



型号
MCU
持续电流
瞬间电流
遥测输出
电流传感器
协议

输入电压
BEC
固件
孔距
重量

Name: BLITZ Mini E55 4-IN-1 ESC
MCU : G071
Continuous current: 55A
Instantaneous current: 65A
Telemetry Output: Yes
Current Sensor: Yes 比例200
Protocols: DShot150/300/600/
MultiShot/OneShot
Input voltage: 2-6S
BEC: No
Firmware: IFLIGHT_BLITZ_G2 32.9
Hole spacing: 20*20 φ4
Weight: 11.3g

BLITZ Mini E55S 4-IN-1ESC
BB21
55A
65A
NO
Yes 比例200
DShot150/300/600/
MultiShot/OneShot
2-6S
NO
Bluejay Q-H-25
20*20 φ4
11.3g

BLITZ E55S 4-IN-1 ESC
BB21
55A
65A
Yes
Yes 比例200
DShot150/300/600/
MultiShot/OneShot
2-6S
NO
Bluejay Q-H-25
30.5*30.5 φ4
14.7g

BLITZ E55 4-IN-1ESC(G2)
G071
55A
65A
Yes
Yes 比例200
DShot150/300/600/
MultiShot/OneShot
2-6S
NO
IFLIGHT_BLITZ_G2
30.5*30.5 φ4
15.3g

BLITZ Wing H743 (E80 ESC)
G071
80A
100A
Yes
Yes 比例200
DShot150/300/600/
MultiShot/OneShot
2-8S
NO
BLHeli32
30.5*30.5 φ4
14.5g

UAV parameter description

摄像头



型号
影像传感器
水平分辨率
视频输出
电视系统
图像
WDR
最低照度
镜头
电子快门

信噪比
视场
白天/晚上
尺寸
宽功率输入
工作温度
重量
备注

Name: 1800TVL 5-40V
Image Sensor: 1/1.8" Inch sensor
Horizontal Resolutiol: 1800TVL
Video output: CVBS
TV System: NTSC & PAL(changeable)
IMAGE: 16:9
WDR: **Super WDR (HDR)**
Min.Illumination: 0.00001 lux
Lens: 2.1 mm lens
Electronic Shutter: PAL: 1/50~100,000;
NTSC:1/60~100,000
S/N Ratio: >60dB (AGC OFF)
FOV: 165°
Day/Night: Auto/Color/B&W/EXT
Dimensions: 19*19*20 mm
Wide Power Input: 5-40 V
Work Temperature: -20℃~+60℃
Weight: 5.9g
Remarks:



Name: CAM01A
Image Sensor: 1/3" Inch CMOS Sensor
Horizontal Resolutiol: 1200TV
Video output: CVBS
TV System: NTSC&PAL (Switchable)
IMAGE: 16:9
WDR: Global WDR
Min.Illumination: 0.001Lux
Lens: 2.1mm / F2.4
Electronic Shutter: PAL:1/50~100,000;
NTSC:1/60~100,000
S/N Ratio:
FOV: 165°
Day/Night:
Dimensions: 19*19mm
Wide Power Input: DC 5-25V
Work Temperature:
Weight: 6.2g
Remarks:



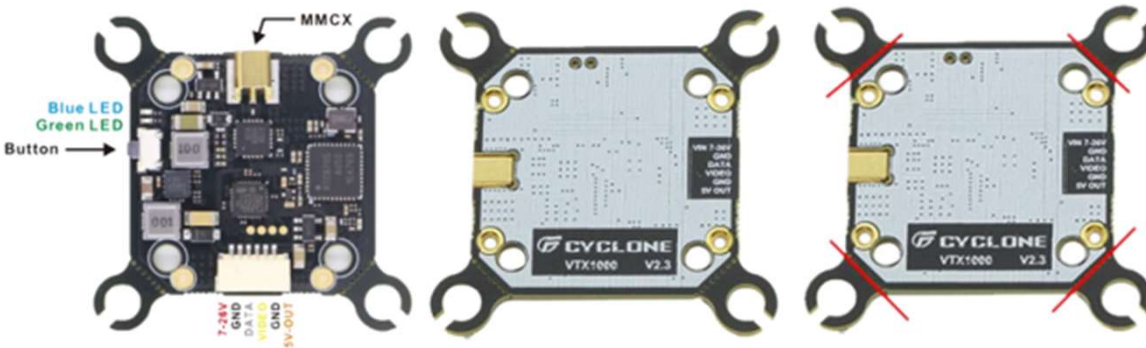
Name: CAM02A
Image Sensor: 1/1.8" Inch sensor
Horizontal Resolutiol: 1200TV
Video output: CVBS
TV System: NTSC&PAL (Switchable)
IMAGE: 16:9 & 4:3 (Switchable)
WDR: Super WDR
Min.Illumination: 0.0001Lux
Lens: 2.1mm / F2.4
Electronic Shutter: PAL: 1/50~100,000;
NTSC:1/60~100,000
S/N Ratio:
FOV: 165°
Day/Night: 自动/色彩/黑白/EXT
Dimensions: 19*19mm
Wide Power Input: DC4.5-36V
Work Temperature: -20℃~+60℃
Weight: 5.9g
Remarks:



Name: CAM03A
Image Sensor: 1/2.8" Inch Starlight Sensor
Horizontal Resolutiol: 1200TV
Video output: CVBS
TV System: NTSC&PAL (Switchable)
IMAGE: 4:3 & 16:9(Switchable)
WDR: Super WDR
Min.Illumination: 0.001LUX
Lens: 2.1mm / F2.4
Electronic Shutter: PAL:1/50~100000;
NTSC:1/60~10000
S/N Ratio:
FOV: 130°(4:3) /165°(16:9)
Day/Night: 自动/色彩/黑白/EXT
Dimensions: 19*19*20mm
Wide Power Input: DC4.5-36V
Work Temperature: -20℃~+60℃
Weight: 5.9g
Remarks:

UAV parameter description

图传 5.8G VTX1000mW



型号

输入电压

板载BEC输出

发射频道数

发射功率

工作温度

控制协议

天线连接器

接线方式

安装孔

视频制式

尺寸

备注

Name: TX1000

INPUT VOLTAGE: 7-26V

Onboard BEC output: 5V

Number of transmission channels: 48

Transmission power: 25/100/200/400/1000mW

Operation temperature: -25°C-105°C

Control protocol: TBS SarAudio

Antenna Connector: MMCX

Connection: SH1.0-8P

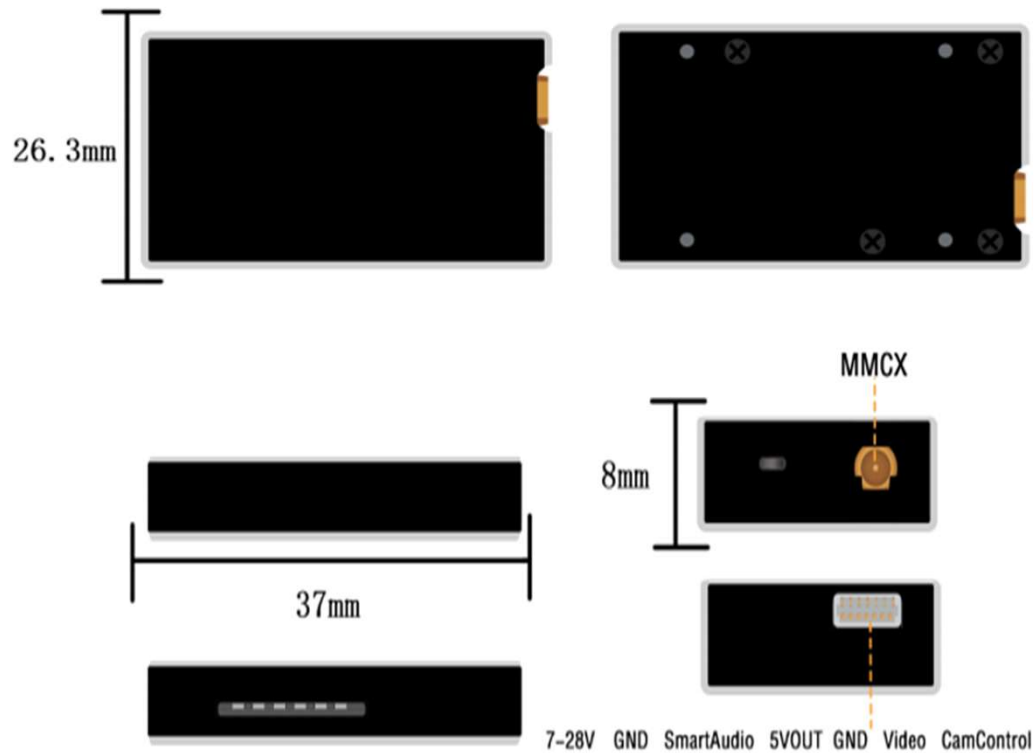
Mounting Hole: 20m&30.5m

Video format: PAL/NTSC

Size: 29x29mm 37.5x37.5mm

Remarks:

图传VTX 5.8G 1.6W



型号

频率

天线接口

RF 阻抗

RF 输出功率

输入电源

电流消耗

操作模式

输入视频阻抗

输入视频幅度

视频制式

尺寸

重量

备注

Name: 1.6W

Frequency: 5.8G频段;A、B、E、F、R 5个频组, 37分发射频道

Antenna interface: MMCX

RF impedance: 50 Ω

RF output power: PIT、25mw、200mw、600mw、1600 mW

Input power supply: 7-28VDC

Current consumption: 200mA@12VDC@25mW/300mA@12VDC@200mW@380mA@12VDC@600mW/480mA@12VDC@1W

MODE: 按键操作、Smart Audio、智控

Input video impedance: 75 Ω

Input video amplitude: CVBS0.8~1.2V

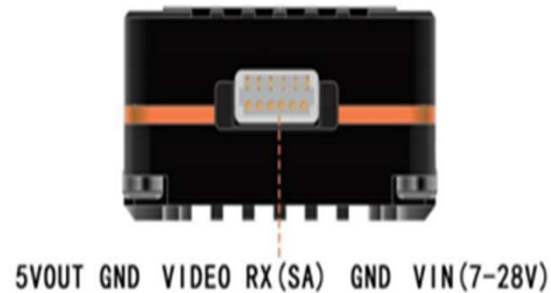
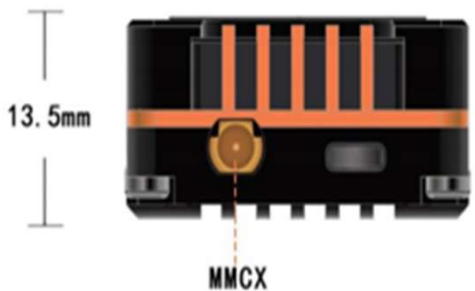
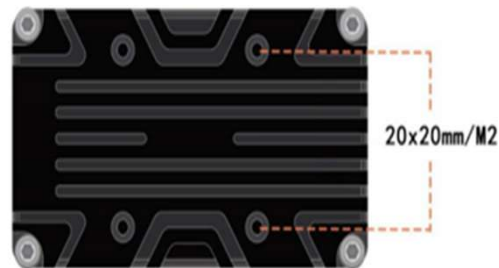
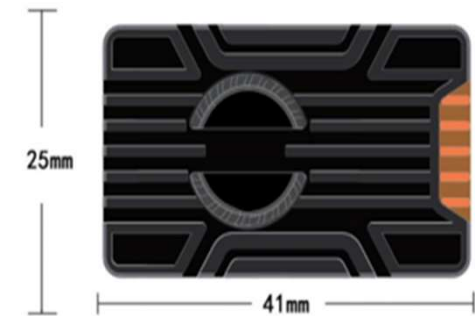
Video format: NTSC/PAL

Size: 37x26x8mm

Weigh: 17.5g

Remarks:

图传VTX 5.8G 3W



型号

频率

最远距离

频点

输入电压

电压转换器

视频格式

输出功率

输出功率自检

传输距离

尺寸

安装孔

天线接口

图传协议

重量

备注

Name: 3W 5.8G 48CH 20km

Frequency: 5.8 Ghz

TransmissionDistance: 20 km

Channels: 48CH

Input Voltage: 7-28V

BEC: 5V/500mA

Video format: NTSC /PAL

Output Power: 25/1.6W/2W/2.5W/3W(1.3A/12V)5挡发射功率

Output power self-test: Yes

TransmissionDistance: $\geq 0.5\text{km}$ 25mW, $\geq 1\text{km}$ 200mW, $\geq 20\text{km}$ 3000mW

Size: 25x41x13.5mm

Mounting Hole: M2*20*20 mm

Antenna connector: MMCX

图传协议: SmartAudio

Weigh: 19.4g

Remarks:

无刷电机



型号

电机尺寸

硅胶线长

电机 KV

空载电流

工作电压

最大电流

最大功率

最大拉力

槽极数

电机内阻

安装孔位

螺旋桨

电机重量

Name: 2806.5 1300KV 7"

Motor size: ϕ 33.2*33.6 mm

Silicone wire: 18#160mm

Motor KV: 1300 RPM/V

Idle Current (Io/5V): 1.01A/10V

Lipo Cell:

Max ContinuousCurrent: 44.40A

Max ContinuousPower: 1056.72w

Max thrust:

Configu-ration: 12N/14P

Motor Resistance(RM): 64.06m Ω

Base Mounting: M3*19*19 mm

Propeller: 7 Inch

Weight: 47.59 g

2807 1350KV 3-6S

ϕ 33*20.1 mm

18#260mm

1350 RPM/V

1.2A/12V

6SLiPo 25.2V

45.81A

1114w

2470g (6S / 7")

12N/14P

58m Ω

M3*19*19 mm

7 Inch

57 g

2808 1100KV

ϕ 35.1*40.3 mm

18#190mm

4-6S LiPo

38.86 A

932.4 W

12N/14P

68m Ω

M5

7 Inch

63.5 g

2812 900KV

ϕ 33.4*45.9 mm

18#300mm

4-6S LiPo

35.72 A

857.28 W

12N/14P

68m Ω

M5

8-9 Inch

82.3 g

3115 730KV

ϕ 37.5*45.9 mm

18#300mm

4-6S LiPo

50 A

1156 W

12N/14P

68m Ω

M5

10 Inch

120 g

3115 900KV 3-6S

ϕ 37.5*30 mm

18#310mm

900 RPMNV

1.28A/12V

6SLiPo 25.2V

65 A

1620w

4023g (6S / 10")

12N/14P

46m Ω

M3*19*19 mm

10 Inch

115 g

UAV parameter description

无刷电机



型号
电机尺寸
硅胶线长
电机 KV
空载电流
工作电压
最大电流
最大功率
最大拉力
槽极数
电机内阻
安装孔位
螺旋桨
电机重量

Name: 3214 730KV
Motor size: ϕ 39*49.8 mm
Silicone wire: 18#350mm
Motor KV:
Idle Current (I₀/5V):
Lipo Cell: 4-6S LiPo
Max ContinuousCurrent: 55.19 A
Max ContinuousPower: 1324.57 W
Max thrust:
Configu-ration: 12N/14P
Motor Resistance(RM): 68m Ω
Base Mounting: M5
Propeller: 10 Inch
Weight: 148 g

4214 440KV 3-8S
 ϕ 49*32.5 mm
14#800mm
440 RPM/V
1.0A/10V
6-12S LiPo
65 A
1616w
4582g (6S / 13")
12N/14P
54m Ω
M4*30*30 mm
13 Inch
246 g

4214 440KV 3-8S
 ϕ 49*32.5 mm
14#800mm
440 RPM/V
1.0A/10V
6-12S LiPo
65 A
1616w
4582g (6S / 13")
12N/14P
54m Ω
M4*30*30 mm
15 Inch
246 g

4215 600KV
 ϕ 50.5*61.5 mm
14AWG

6S LiPo
58 A
1340 W
4750g
12N/14P

M6
GF1270-3
270 g

4218 540KV
 ϕ 50.5*64.3 mm
14AWG

6S LiPo
60 A
1395 W
5027g
12N/14P

M6
GF1308-3
300 g

4320 A4320 350KV
 ϕ 50*44 mm
16#600mm
350 RPM/V
1.09A/16V
6-12S LiPo
93A
4650w
9560 g
12N/14P

M4*30*30 mm
12-13 Inch
301 g

UAV parameter description

无刷电机



型号
电机尺寸
硅胶线长
电机 KV
空载电流
工作电压
最大电流
最大功率
最大拉力
槽极数
电机内阻
安装孔位
螺旋桨
电机重量
备注

Name: 4720 430KV
Motor size: ϕ 56*70 mm
Silicone wire: 14AWG
Motor KV:
Idle Current (I₀/5V):
Lipo Cell: 6S **LiPo**
Max ContinuousCurrent: 68 A
Max ContinuousPower: 1587 W
Max thrust: 5738 g
Configu-ration: 12N/14P
Motor Resistance(RM):
Base Mounting: M6
Propeller: GF1410-3/HQ15*7*3
Weight: 370 g
Remarks: **少了电磁线**

Name: 4720 480KV
Motor size: ϕ 56*70 mm
Silicone wire: 14AWG
Motor KV:
Idle Current (I₀/5V):
Lipo Cell: 6S **LiPo**
Max ContinuousCurrent: 82 A
Max ContinuousPower: 1948 W
Max thrust: 7206g
Configu-ration: 12N/14P
Motor Resistance(RM):
Base Mounting: M6
Propeller: HQ15*7*3
Weight: 370 g
Remarks: **少了电磁线**

UAV parameter description

图传



型号	RF1300	RF2515	RF2505	RF2516	RF2535	RF3300
频率	1.130-1.270G	4.990-5.945G	4.990-5.945G	4.884-6.055G	4.884-6.055G	3.290-3.450G
最大功率	5W	2.5W	2.5W	3W	5W	3W
最远距离	30KM	12KM	12KM	15KM	20KM	15KM
频点	1.4G	5.8G	5.8G	5.8G	5.8G	3.3G
输入电压	7-36V	7-36V	7-36V	7-36V	7-36V	7-36V
最大工作电流	12V/1.8A	12V/1.2A	12V/1.2A	12V/1.3A	12V/3A	12V/1.8A
输出电压	5V/500MA	5V/500MA	5V/500MA	5V/500MA	5V/500MA	5V/500MA
视频格式	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL
输出功率	PIT/25mW/2500mW/5000mW	PIT/25mW/400mW/800mW/1500mW/2500mW	PIT/25mW/400mW/800mW/1500mW/2500mW	PIT/25mW/400mW/800mW/1500mW/3000mW	PIT/25mW/1500mW/2500mW/5000mW	PIT/25mW/2500mW/5000mW
频点	8CH	80CH	80CH	96CH	96CH	8CH
尺寸	53mmx32mmx15mm	36mmx36mmx8mm	40mmx25mmx11mm	30mmx36mmx15mm	53mmx32mmx15mm	53mmx32mmx15mm
安装孔	20*20mm M2	30.5*30.5mm M3	20*36mm M2	20*20mm M2	20*20mm M2	20*20mm M2
天线接口	MMCX	MMCX	MMCX	MMCX	MMCX	MMCX
图传协议	SmartAudio	SmartAudio	SmartAudio	SmartAudio	SmartAudio	SmartAudio
重量	35.1g	16.6g	16.0g	21.6g	35.1g	35.1g

UAV parameter description

图传



型号	RF3301
频率	3.290-3.450G
最大功率	3.5W
最远距离	18KM
频点	3.3G
输入电压	7-36V
最大工作电流	12V/2.6A
输出电压	5V/500MA
视频格式	NTSC/PAL
输出功率	PIT/25mW/200mW/1000mW/3500mW
频点	32CH
尺寸	53mmx32mmx15mm
安装孔	20*20mm M2
天线接口	MMCX
图传协议	SmartAudio
重量	35.1g
备注	

RF4600
4.6G-5G
3W
15KM
4.6G
7-36V
12V/1.8A
5V/500MA
NTSC/PAL
PIT/25mW/400mW/800mW/1500mW/3000mW
8CH
53mmx32mmx15mm
20*20mm M2
MMCX
SmartAudio
35.1g

长波红外测温型640×512参数对比表

参数指标		驱鸟型长波非制冷红外640×512-17μm机芯组件 Uncooled LWIR 640 × 512-17μm Bird Repellent Camera Core	非制冷长波红外通用型640×512-12μm机芯组 件Uncooled LWIR 640×512-12μm Universal Camera Core	非制冷长波红外全国产化640×512-12μm机芯 组件Uncooled LWIR 640×512-12μm Domestically Produced Camera Core	非制冷长波红外测温型640×512-12μm机芯组 件Uncooled LWIR 640×512-12μm temperature measurement Camera Core	非制冷长波红外网口机芯组件 Uncooled LWIR 640 × 512-12μm Camera Core with Gigabit network
性能指标 Specifications	探测器类型 Detector Type	氧化钒非制冷红外焦平面探测器 VOX uncooled detector	氧化钒非制冷红外焦平面探测器 VOX uncooled detector	氧化钒非制冷红外焦平面探测器 VOX Uncooled Detector	氧化钒非制冷红外焦平面探测器 VOX uncooled detector	氧化钒非制冷红外焦平面探测器
	分辨率 Array Format	640×512	640 ×512	640×512	640 ×512	640×512
	像元间距 Pixel Pitch	17μm	12 μm	12μm	12 μm	12μm
	探测器帧频 Frame Rate	50Hz	50Hz	50Hz	30Hz	50Hz
	响应波段 Spectral Range	8 ~ 14μm	8 μm~ 14 μm	8μm~14μm	8 μm~ 14 μm	8~14μm
	噪声等效温差 (NETD)	≤50mK@25℃,F#1.0	≤50mK (@25℃, F#1.0标准镜头)	≤50mK (@25℃,F#1.0)	≤50mK (@25℃, F#1.0)	≤50mK (@25℃, F#1.0 标准镜头)
图像调节 Image Adjustment	亮度、对比度调整 Brightness and Contrast	手动/自动 Manual/Auto	手动模式/自动模式 Manual/Auto	手动模式/自动模式 Manual/Auto	手动模式/自动模式 Manual/Auto	手动模式/自动模式
	极性 Polarity	黑热/白热 Black-hot/White-hot	黑热/白热 Black-hot/White-hot	黑热/白热 Black-hot/White-hot	黑热/白热 Black-hot/White-hot	黑热/白热
	伪彩 Pseudo-Color	热金属/彩虹/绿色 Hot Metal/Rainbow/Green		x1/x2/x4	BT1120	
	十字线 Cross-line	显示/消隐/移动Show/Fade/Move	显示/消隐 Show/Fade	显示/消隐 Show/Fade		
	电子变倍 Digital Zoom	×1/×2/×4	x1/x2/x4		x1/x2/x3/x4/x5/x6/x7/x8	
	图像处理 Image Signal Processing 热点追踪 Hotspot Tracking	非均匀性校正 Non-Uniformity Correction(NUC) 滤波降噪 Filter Denoising 图像增强 Image Enhancement 盲元替换 Blind Element Replacement 实时跟踪图像中温度最高的位置 Real time tracking or the highest temperature position in the image	非均匀性校正/图像增强/滤波降噪/盲元替换 Nonuniformity correction/Image enhancement/ Filtering noise reduction/Blind element replacement	非均匀性校正/图像增强/滤波降噪/盲元替换 Nonuniformity correction/Image enhancement/ Filtering noise reduction/Blind element replacement	非均匀性校正/图像增强/滤波降噪/盲元替换 Nonuniformity correction/Image enhancement/ Filtering noise reduction/ Blind element replacement	非均匀性校正/图像增强/滤波降噪/盲 元替换
	图像镜像 Image Mirroring	左右/上下/对角线 Left-right/Up-down/Diagonal	上下/左右/镜像 Up-down/Left-right/Diagonal	上下/左右/镜像 Up-down/Left-right/Diagonal	上下/左右/镜像 Up-down/Left-right/Diagonal	
电源 Power	供电范围 Input Voltage Range	4 ~ 5VDC	5-20VDC	5-20VDC	5-20VDC	18-34VDC
	典型供电电压 Typical Input Voltage 功耗 Power Consumption	5VDC	5VDC/ (≤2W/25℃)	10VDC/ (≤1.5W/50Hz)	5VDC/ (≤1.7W @25℃)	28VDC/ (≤3.5W/25℃)
接口 Interface	数字视频输出 DigitalVideo Output 模拟视频 Analog	DVP (LVCMOS1V8)	LVDS/PAL制式	LVDS/Cameralink/PAL制式	BT1120/PAL制式	网口/PAL制式
	串行通信接口 Command and Control	RS232/UART(3.3V)	UART(3.3V)	RS232/RS422/UART(3.3V)	UART(3.3V)	网口
物理特性 Physical Characteristics	标配重量 Weight	42g±3g (无镜头和扩展组件) Excluding lenses and extension components	≤45g	≤35g	≤115g	≤79g
	标配尺寸 Size (L×W×H)	45mm×28mm×21.8mm (无镜头和扩展组件) Excluding lenses and extension components	≤36 ×36 ×22(mm)	≤29.5×29.5×29.5(mm)	φ41.3 ×56(mm)	见结构尺寸
环境适应性 Environmental Adaptability	工作温度Operating Temperature Range 存储温度Storage Temperature Range 贮存湿度 Storage Humidity	-40℃ ~ +60℃/-40℃ ~ +60℃	-40℃ ~ 60℃/10℃ ~ 35℃/≤70%	-45℃~85℃/-45℃~85℃/≤70%	-40℃ ~ 80℃/10℃ ~ 35℃/5%~95%	-40 ~ 80℃/-55 ~ 80℃

Drone throwing device

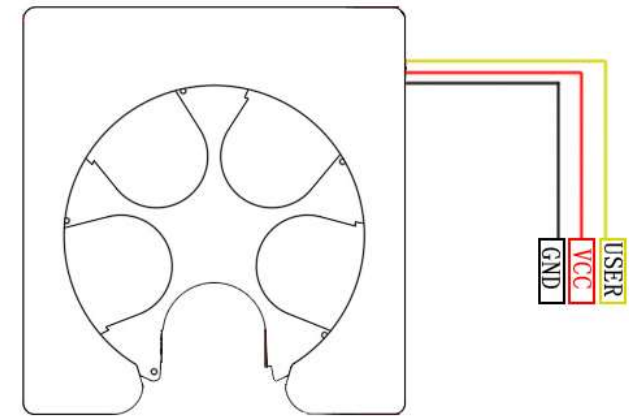
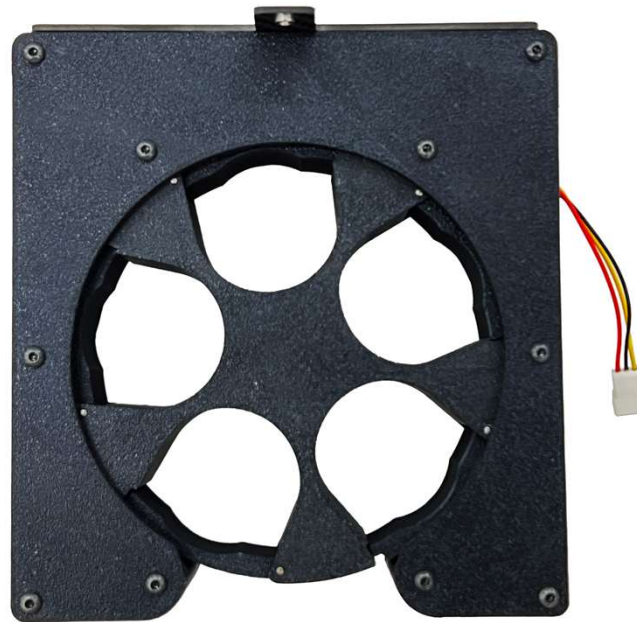
无人机抛投器

Single-shot thrower



单发抛投器

Five-shot thrower

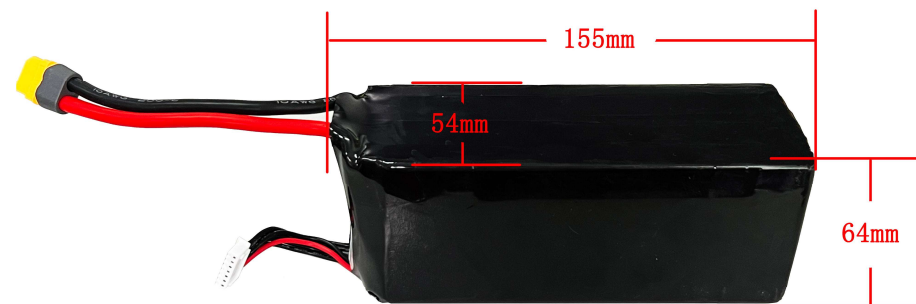


五连发抛投器

Drone battery parameters-6s

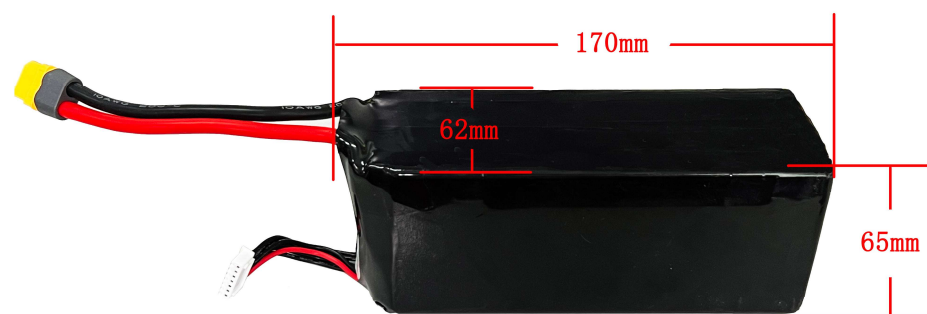
无人机电池参数-6S

8000mAh-6S



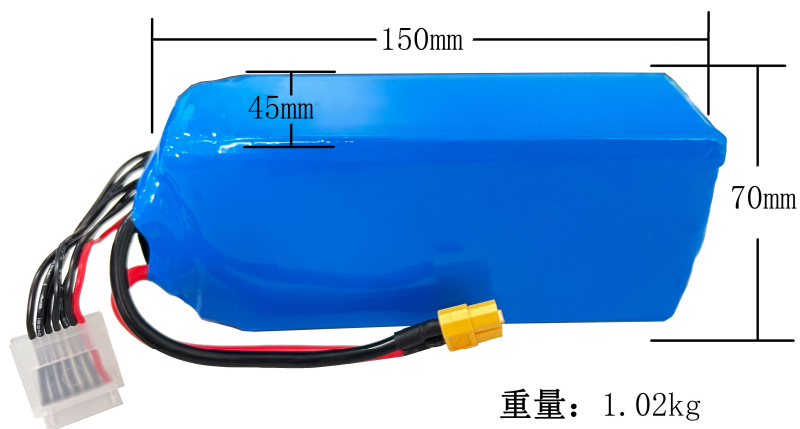
重量: 1.135kg

10000mAh-6S

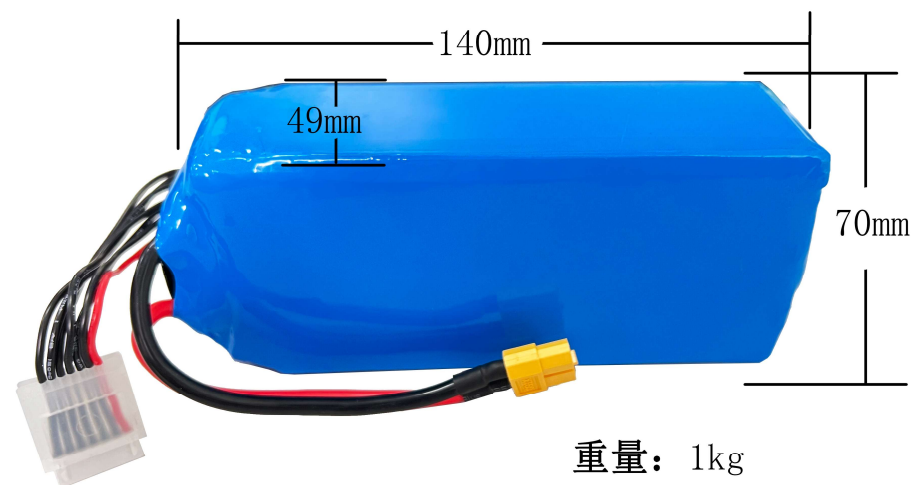


10000mAh-6S1P-30C-3.85V

8000mAh-6S1P-30C-4.4V



重量: 1.02kg

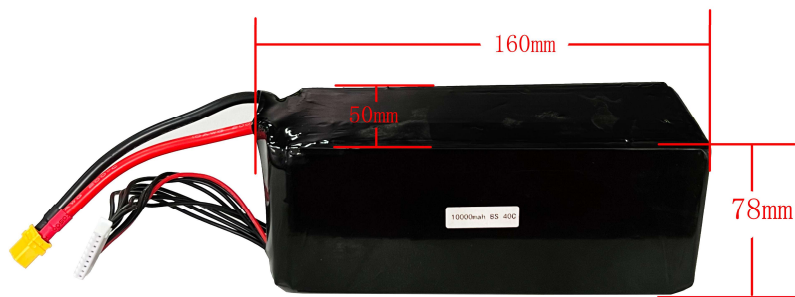


重量: 1kg

Drone battery parameters-8s

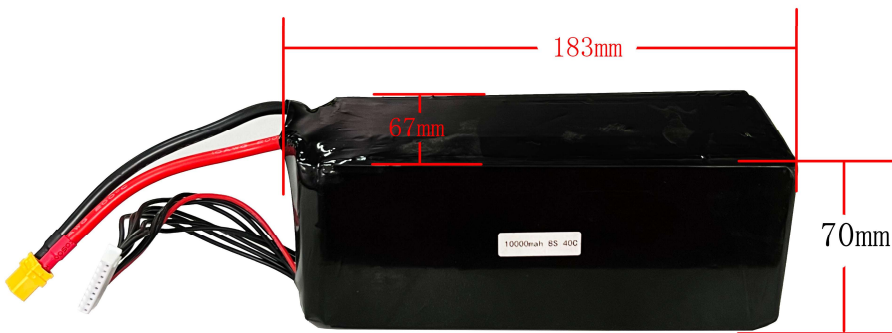
无人机电池参数-8S

8000mAh-8S



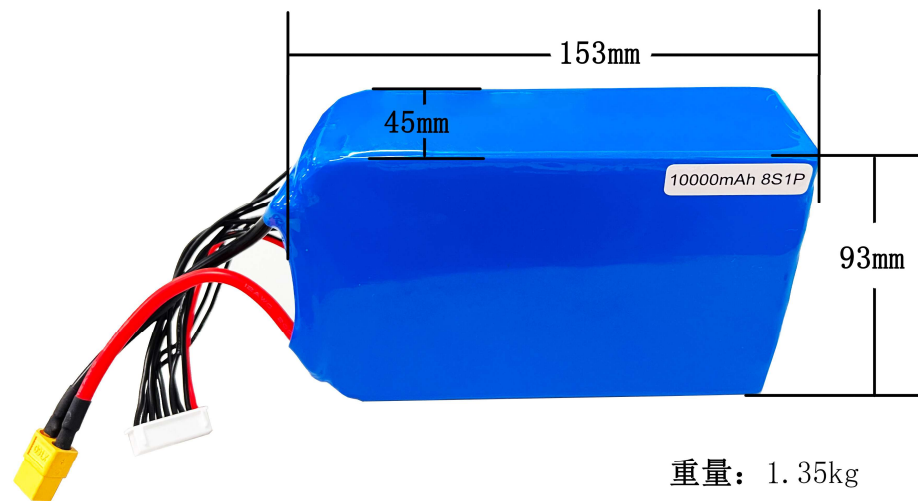
重量: 1.25kg

10000mAh-8S-40C



重量: 1.65kg

10000mAh-8S-1P



重量: 1.35kg

机架

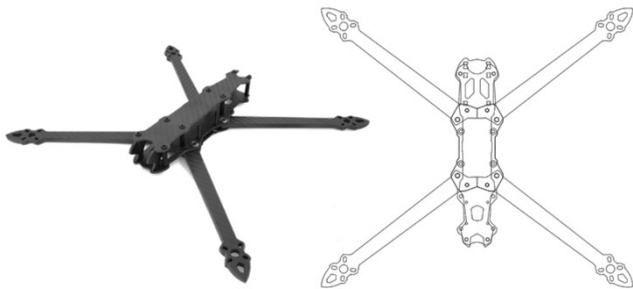


名称
产品规格
机架类型
尺寸
轴距
重量
打印件重量
碳板材质
上板
中板
底板
侧板
机臂
加强杆
安装孔距
飞塔
图传
电机
摄像头
内部空间高度

Name: ARS7
Product specifications: 7寸
Rack type: 宽X
Size: 345mmX284mm
Wheelbase: 319mm
Weight: 180g
Print weight: 8g
Carbon board material: T300
Upper board: 2MM
Medium plate: 3MM
Floor: 2MM
Side panel: 2MM
Robotic arm : 6MM
Strengthenpole: /
Installation hole spacing:
Fortinet: 30.5*30.5MM
Image transmission: 20*20-30.5*30.5MM
Electric machinery: 19MM
Camera: 19MM
Internal space height: 25MM



Name: ARS10
Product specifications: 10寸
Rack type: 宽X
Size: 352mmX305mm
Wheelbase: 410mm
Weight: 246g
Print weight: 8g
Carbon board material: T300
Upper board: 2MM
Medium plate: 3MM
Floor: 3MM
Side panel: 2MM
Robotic arm : 6MM
Strengthenpole: 2MM
Installation hole spacing:
Fortinet: 30.5*30.5MM
Image transmission: 20*20-30.5*30.5MM
Electric machinery: 19MM
Camera: 19MM
Internal space height: 25MM



Name: MARK4-8简易版
Product specifications: 8寸
Rack type: 宽X
Size: 294mmX262mm
Wheelbase: 340mm
Weight: 175g
Print weight: 8g
Carbon board material: T300
Upper board: 2.5MM
Medium plate: 2.5MM
Floor: 2MM
Side panel: 2.5MM
Robotic arm : 6MM
Strengthenpole: /
Installation hole spacing:
Fortinet: 30.5*30.5MM
Image transmission: 20*20-30.5*30.5MM
Electric machinery: M3X16-19MM
Camera: 19MM
Internal space height: 25MM

UAV parameter description

机架



名称
产品规格
机架类型
尺寸
轴距
重量
打印件重量
碳板材质
上板
中板
底板
侧板
机臂
加强杆
安装孔距
飞塔
图传
电机
摄像头
内部空间高度

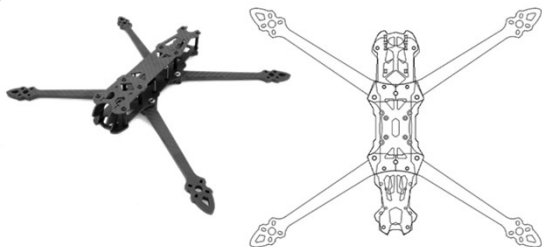
Name: MARK4-8V2
Product specifications: 8寸
Rack type: 宽X
Size: 321mmX235mm
Wheelbase: 354mm
Weight: 约182g (不包含打印件)
Print weight: 8g
Carbon board material: T300
Upper board: 2.5MM
Medium plate: 2.5MM
Floor: 2MM
Side panel: 3MM
Robotic arm : 6MM
Strengthenpole: 2MM
Installation hole spacing:
Fortinet: 30.5*30.5MM 20MM*20MM
Image transmission: 20*20-30.5*30.5MM
Electric machinery: M3X16-19MM
Camera: 19MM
Internal space height: 25MM

Name: MARK4-10V2
Product specifications: 10寸
Rack type: 宽X
Size: 366mmX304mm
Wheelbase: 427mm
Weight: 228g
Print weight: 8g
Carbon board material: T300
Upper board: 2.5MM
Medium plate: 2.5MM
Floor: 2MM
Side panel: 3MM
Robotic arm : 6MM
Strengthenpole: 2MM
Installation hole spacing:
Fortinet: 30.5*30.5MM
Image transmission: 20*20-30.5*30.5MM
Electric machinery: M3X16-19MM
Camera: 19MM
Internal space height: 25MM

Name: MARK7
Product specifications: 7寸
Rack type: 宽X
Size: 276mmX242mm
Wheelbase: 311mm
Weight: 178.6g
Print weight: 8g
Carbon board material: T300
Upper board: 2.0MM
Medium plate: 3.0MM
Floor: 3.0MM
Side panel: 2.0MM
Robotic arm : 6MM
Strengthenpole: /
Installation hole spacing:
Fortinet: 30.5*30.5MM
Image transmission: 20*20-30.5*30.5MM
Electric machinery: M3X16-19MM
Camera: 19MM
Internal space height: 25MM

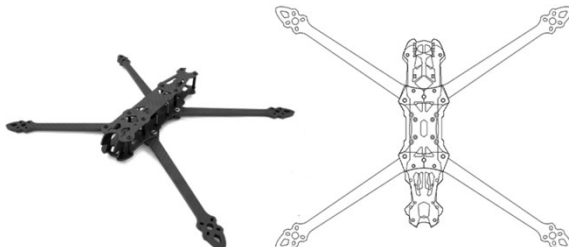
UAV parameter description

机架



名称
产品规格
机架类型
尺寸
轴距
重量
打印件重量
碳板材质
上板
中板
底板
侧板
机臂
加强杆
安装孔距
飞塔
图传
电机
摄像头
内部空间高度

Name: MARK8
Product specifications: 8寸
Rack type: 宽X
Size: 303mmX292mm
Wheelbase: 336mm
Weight: 191g
Print weight: 8g
Carbon board material: T300
Upper board: 2.0MM
Medium plate: 3.0MM
Floor: 3.0MM
Side panel: 2.0MM
Robotic arm : 6MM
Strengthenpole: /
Installation hole spacing:
Fortinet: 30.5*30.5MM
Image transmission: 20*20-30.5*30.5MM
Electric machinery: M3X16-19MM
Camera: 19MM
Internal space height: 25MM

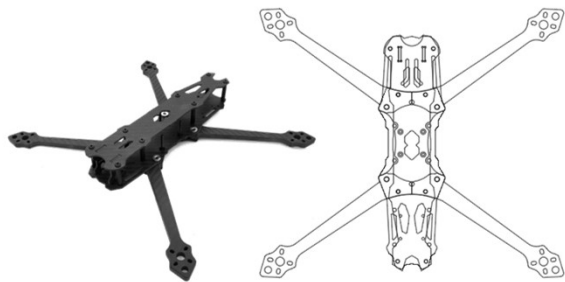


Name: MARK9
Product specifications: 9寸
Rack type: 宽X
Size: 344mmX275mm
Wheelbase: 384mm
Weight: 228g
Print weight: 8g
Carbon board material: T300
Upper board: 2.0MM
Medium plate: 3.0MM
Floor: 3.0MM
Side panel: 2.0MM
Robotic arm : 6MM
Strengthenpole: /
Installation hole spacing:
Fortinet: 30.5*30.5MM
Image transmission: 20*20-30.5*30.5MM
Electric machinery: M3X16-19MM
Camera: 19MM
Internal space height: 25MM



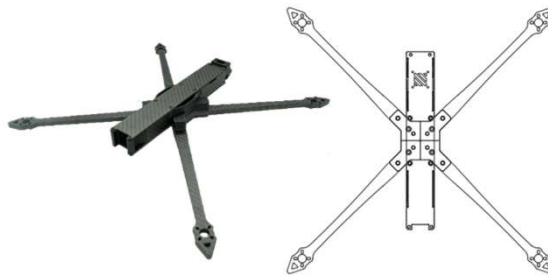
Name: MARK10
Product specifications: 10寸
Rack type: 宽X
Size: 344mmX294mm
Wheelbase: 397mm
Weight: 约235g (不包含打印件)
Print weight: 8g
Carbon board material: T300
Upper board: 2.0MM
Medium plate: 3.0MM
Floor: 3.0MM
Side panel: 2.0MM
Robotic arm : 7MM
Strengthenpole: /
Installation hole spacing:
Fortinet: 30.5*30.5MM
Image transmission: 20*20-30.5*30.5MM
Electric machinery: M3X16-19MM
Camera: 19MM
Internal space height: 25MM

机架

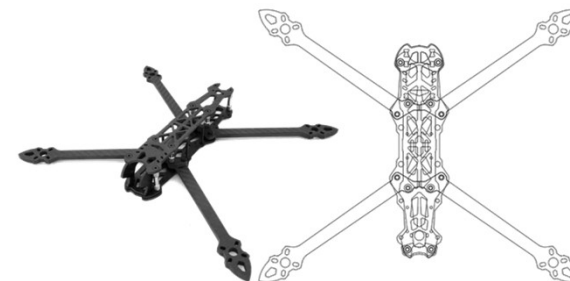


名称
产品规格
机架类型
尺寸
轴距
重量
打印件重量
碳板材质
上板
中板
底板
侧板
机臂
加强杆
安装孔距
飞塔
图传
电机
摄像头
内部空间高度

Name: MARK7-NX版
Product specifications: 7寸
Rack type: 宽X
Size: 267mmX236mm
Wheelbase: 336mm
Weight: 179.2g
Print weight: 8g
Carbon board material: T300
Upper board: 2.0MM
Medium plate: 3.0MM
Floor: 3.0MM
Side panel: 2.0MM
Robotic arm : 6MM
Strengthenpole: /
Installation hole spacing:
Fortinet: 30.5*30.5MM
Image transmission: 20*20-30.5*30.5MM
Electric machinery: M3X16-19MM
Camera: 19MM
Internal space height: 25MM



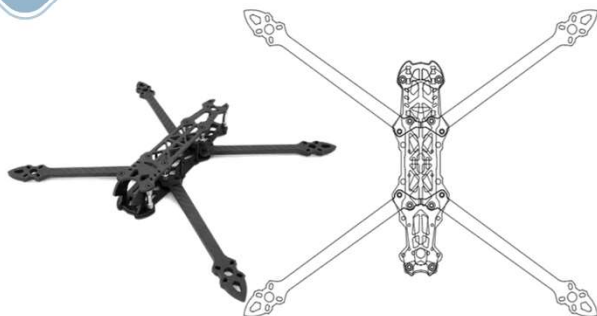
Name: ARV-10
Product specifications: 全封闭10寸
Rack type: 正X
Size: 348mmX348mm
Wheelbase: 438mm
Weight: 125mm
Print weight: 8g
Carbon board material: T300
Upper board: 2.0MM
Medium plate: 3.0MM
Floor: 3.0MM
Side panel: 2.0MM
Robotic arm : 7.0MM
Strengthenpole: /
Installation hole spacing:
Fortinet: 30.5*30.5MM
Image transmission: 20*20-30.5*30.5MM
Electric machinery: M3X16-19MM
Camera: 19MM
Internal space height: 25MM



Name: 原版MARK4-7寸
Product specifications: 7寸
Rack type: 宽X
Size: 268mmX226mm
Wheelbase: 296mm
Weight: 约125g (不包含打印件)
Print weight: 8g
Carbon board material: T300
Upper board: 2.5MM
Medium plate: 2.5MM
Floor: 2.0MM
Side panel: 3.0MM
Robotic arm : 6MM
Strengthenpole: /
Installation hole spacing:
Fortinet: 30.5*30.5MM
Image transmission: 20*20-30.5*30.5MM
Electric machinery: M3X16-19MM
Camera: 19MM
Internal space height: 25MM

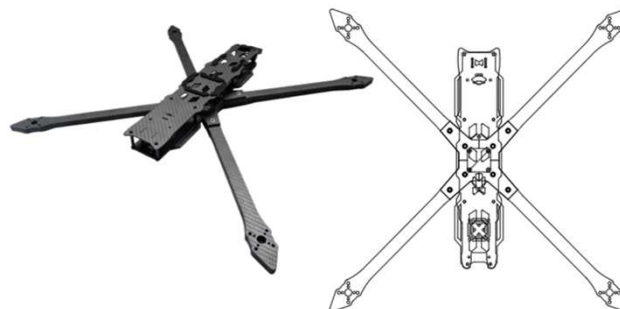
UAV parameter description

机架

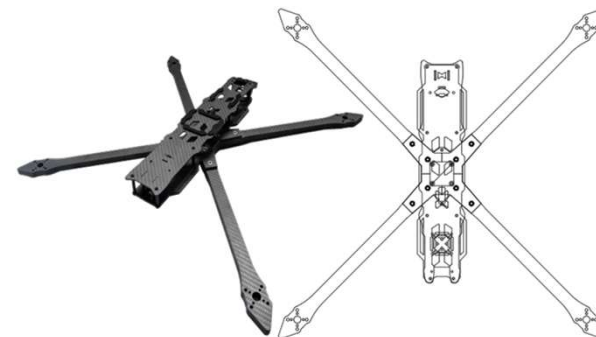


名称
产品规格
机架类型
尺寸
轴距
重量
打印件重量
碳板材质
上板
中板
底板
侧板
机臂
加强杆
安装孔距
飞塔
图传
电机
摄像头
内部空间高度

Name: 原版MARK4-8寸
Product specifications: 8寸
Rack type: 宽X
Size: 308mmX254mm
Wheelbase: 345mm
Weight: 约135g (不包含打印件)
Print weight: 8g
Carbon board material: T300
Upper board: 2.5MM
Medium plate: 2.5MM
Floor: 2.0MM
Side panel: 3.0MM
Robotic arm : 6.0MM
Strengthenpole: /
Installation hole spacing:
Fortinet: 30.5*30.5MM
Image transmission: 20*20-30.5*30.5MM
Electric machinery: M3X16-19MM
Camera: 19MM
Internal space height: 25MM



Name: 13寸
Product specifications: 13寸
Rack type:
Size: 489mmX489mm
Wheelbase: 593mm
Weight: 约728 (不包含打印件)
Print weight: 10g
Carbon board material: T300
Upper board: 2.0MM
Medium plate: 4.0MM
Floor: 4.0MM
Side panel: 2.0MM
Robotic arm : 10MM
Strengthenpole: /
Installation hole spacing:
Fortinet: 30.5*30.5MM
Image transmission: 20*20-30.5*30.5MM
Electric machinery: M3X16-19MM
Camera: 19MM
Internal space height: 25MM



Name: 15寸
Product specifications: 15寸
Rack type:
Size: 517mmX517mm
Wheelbase: 647mm
Weight: 754g
Print weight: 10g
Carbon board material: T300
Upper board: 2.0MM
Medium plate: 4.0MM
Floor: 4.0MM
Side panel: 2.0MM
Robotic arm : 10MM
Strengthenpole: /
Installation hole spacing:
Fortinet: 30.5*30.5MM
Image transmission: 20*20-30.5*30.5MM
Electric machinery: M3X16-19MM
Camera: 19MM
Internal space height: 25MM

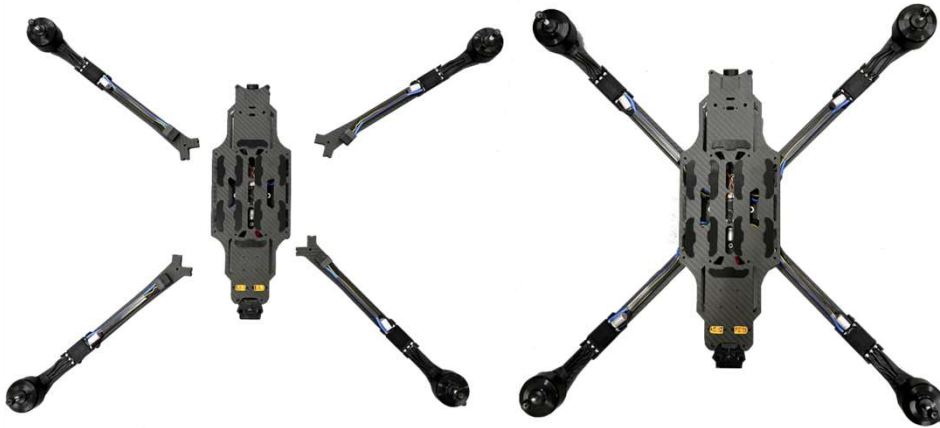
UAV parameter description

Figure 1 illustrates the components of the quadcopter. The top section shows four propellers, each labeled with a number in a red circle: 1 (bottom right), 2 (top right), 3 (bottom left), and 4 (top left). Arrows indicate the rotation direction for each: 1 and 3 rotate clockwise, while 2 and 4 rotate counter-clockwise. The bottom section shows the four motor arms, a central frame, and a battery.

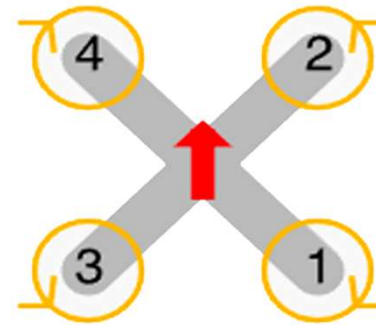
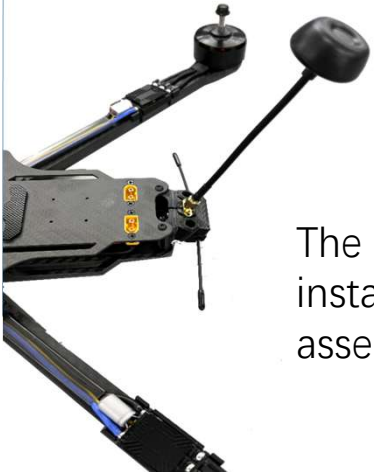
Assembly instructions

组装说明书

Assemble the four arms in this order



The mushroom antenna must be installed before powering up after the assembly is complete.



After the assembly is complete, install the paddle according to the serial number in the illustration.





Thank you for watching