

企 业 简 介

广东历鼎龙动力科技有限公司

GUANGDONG LDLPOWER TECHNOLOGY CO.,LTD.

COMPANY PROFILE



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PART 01

关于我们

About Us

LDLPower was registered in 2007 , Headquarter in Dongguan, Registered Capital 11,300,000RMB



LDLPower is a technology-based production, sales and research enterprise with industry-oriented UAV and UAV power systems as its core business. The company is located in Dongguan, which is highly concentrated in China's leading technology. It has total 14 branches in Hubei, Anhui, Xinjiang, Shandong and other provinces.

The company has established cooperative relations with many domestic top institutions and leading enterprises. It has cooperated with the National CNC System Engineering Technology Research Center to develop an unmanned flight control system, and signed a strategy related to technology research and development with Xiamen Meiya Baike Information Co., Ltd. The cooperation agreement introduces the Dongguan Industrial Manufacturing Research Institute of Huazhong University of Science and Technology, the Guangdong Intelligent Robot Research Institute and other scientific research units as the company's backup technical equipment.



National high-tech Enterprises



ISO9001:2015



ISO14001:2015



National Patent Breeding Enterprise



1. 四川眉山公司(Meishan)
2. 内蒙古呼和浩特分公司
(HuHeHaoTe))
3. 黑龙江牡丹江分公司
(MuDanJiang)
4. 新疆库尔勒分公司(KuErLe)
5. 新疆阿克苏分公司(AKeSu)
6. 山东青岛分公司(Qingdao)
7. 山东济南分公司(JiNan)
8. 山东枣庄峰城分公司
(YiCheng)
9. 山东枣庄山亭分公司
(ShanTing)
10. 上海长宁分公司(ShangHai)
11. 陕西榆林分公司(YuLin)
12. 北京西城分公司(BeiJing)
13. 河北平泉分公司(PingQuan)
14. 湖北宜城分公司(YiCheng)
15. 湖南邵阳分公司(ShaoYang)
16. 河南商丘分公司
(ShangQiu)







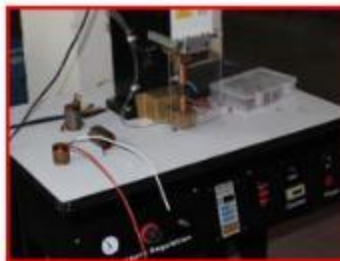




CNC加工中心



CNC加工中心



高功率点焊机



全自动裁线机



高精度动平衡机



专用电机检测仪



卧式注塑机



端子裁线一体机



数控车床



全自动含浸机



车床



立式注塑机



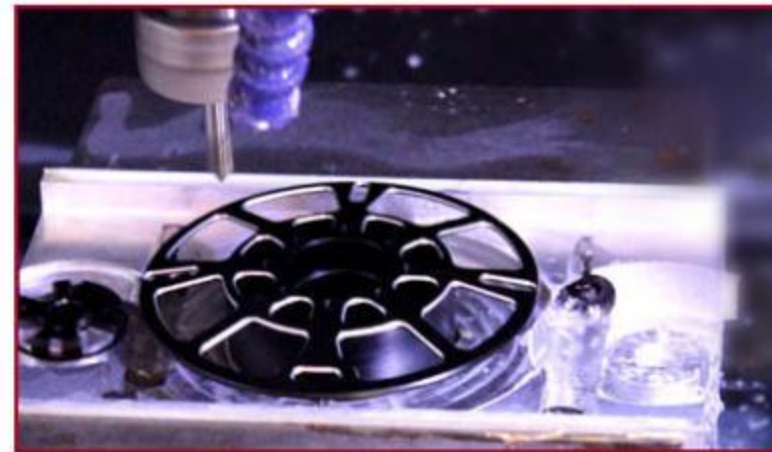
外转子自动绕线机

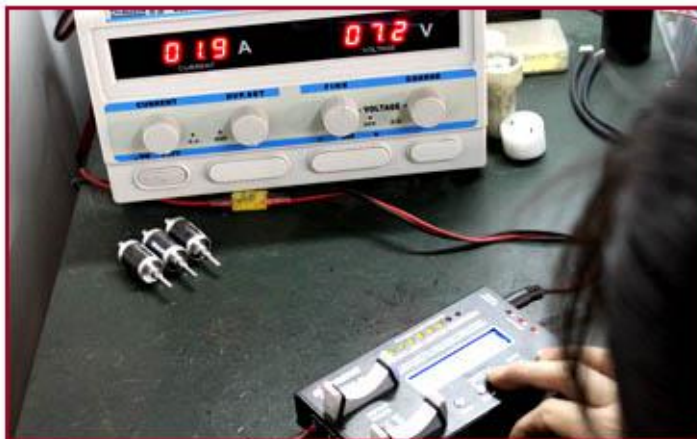


二次元



激光打标机









PART 02

企业文化

Corporate Culture



公司年会
Annual Convention



拔河比赛
a tug-of-war



消防演习
Fire drill



专业展会
Exhibition



创新创业大赛
Innovation Competition



户外拓展
Outdoor Development



生日晚会
Birthday Party



模型赛事
R/C competition

1. 公司使命 Company Mission

为国际动力提速，改善人类美好生活

Make the better power system and improve the quality of life.

2. 企业愿景 Corporate Vision

成为中国最受尊重的动力系统供应商

Be the most respected power system supplier of China.

3. 核心价值观 Core Values

正直 自省 高效 专注

Integrity, Introspection, Efficiency, Focus





经营理念

Business Concepts

打造专业的无人机动力系统和优质的
行业应用无人机技术
Make professional drone power system
and high-quality industrial drone
technology.



经营定位

Business Orientation

无人机行业先进、系统、超值的技术
与解决方案供应商
Advanced, systematic, value-added
technology and solution provider for
the drone industry



经营思路

Business Ideas

以人为本，管理为先，努力为社会做
出最大贡献
People-oriented, management first, and
strive to make the greatest contribution
to society



PART 03

产品介绍

Products



祥农XT-X8动力套装(XiangLong XT-XT8 Power Combo)

经过在农业植保无人机上长时间的测试，我们对X8动力套装不断升级优化，让这套动力不仅可靠性强，使用寿命长，还能从容应对严苛的使用环境。整套动力采用防水、防锈、防腐蚀设计。(Long time running test on the drones, regular optimization and upgrading makes the combo very reliable, and can work in very harsh environment. Its designed to be waterproof, anti-rust and anti-corrosion.

KV : 100KV/120KV

电压(Volt) : 12S

空载电流(Current) : 0.9A (7.4V)

电阻(Resistance) : 48毫欧mohm

外部尺寸(Dimension) : 91.4*38mm

重量(Weight) : 670g

最大拉力(Max Thrust) : 15kg

最大持续功率(Max continuous Power) : 3300W (120S)

最大持续电流(Max continuous Current) : 75A (120S)

电调(ESC) : 80A

螺旋桨(Prop) : 30"

螺旋桨安装螺距(Mount Holes) :
Φ25/Φ31mm

手工绕线工艺和多槽极结构的设计，使电机在使用过程中减小震动，起到减少电机损耗、延长使用寿命和降低噪音的效果。电机采用全封闭加栅格结构，加强对电机核心部件的保护，有效避免碰撞或跌落造成电机局部变形而影响正常使用。(Manual winding and multi slots structure design will reduce the vibration and noise of the motor during its use, thus reduce the motor loss and prolong its service life. The motor is designed to be total enclosed grid structure, it will protect the core of the motor and avoid local distortion when collision or fall.



祥农XN-X410(XiangLong XN-X140)

无人机低空洒药，效率高、成本低、安全性强。无人机采用浓缩药剂可以节水省药，远距离遥控操作还能避免人员中毒事件发生。10公斤的单架无人机日喷洒量可达500亩地，是人工的40倍以上。(Low altitude spraying, high efficiency, low cost, and high safety. Using concentrated medicament will save water and medicament, remote control can avoid personal poisoning. 10KG UAV can work 500 mu/day, which is 40 times of manual work.

整机尺寸(Dimension) : 1400*1400*450mm

折叠尺寸(Folded Size) : 620*620*450mm

雾化面积(Atomization Area) : 110°扇形高压喷头
(Fan shaped high-pressure sprinkler)

标配电池(Battery) : 12S 16000mAh Li Battery

防水等级(Waterproof Level) : medium rain

空机重量(Weight) : 11.5kg

作业载荷>Loading) : 10L

抗风能力(Wind Resistance) : 12m/s (Grade 6)

最大起飞重量(Max takeoff weight) : 27kg
(with battery, with medicament)

喷洒流量(Spraying Flow) : 0.2-1.5L/min
(adjustable)

喷洒宽度(Spraying Width) : 3-5m/row
作业高度(Working Height) : 1-2m (from
crop)

作业速度(Working Speed) : 3-10m/s

作业时间(Working Hours) : 8-16mins

作业海拔(Altitudes) : 3500m

雾化粒径 : 130-250 μm

仿地飞行功能可以根据农田高低起伏的地形自动改变飞行高度。断点续喷功能可以记录作业过程中的地块坐标，在更换电池后或者重新加药后，飞机自动接续作业，有效避免漏喷和重喷现象。一键作业、一键返航、失控返航等功能让操控更加简单。(Imitating flight can automatically change the flying height according to the fluctuating topography of farmland. Resume breakpoint can record the plot coordinates in operation process, and resume the work after replacing battery or re-add medicament. One key operation, One key return, Return out of control make operation easier.



祥农XN-C700(XiangLong XN-C700)

无人机低空测绘，功能多样化、作业效率高、成本低廉。无人机遥感配合地面管理软件，为矿产资源开发提供决策支持。视野广阔、可整体航拍、可局部搜索。(Low altitude surveying and mapping, functional diversity, high efficiency, low cost. UAV remote control work with ground regulatory software, providing decision support for mineral resources development. Wide vision, Holistic aerial photograph, local research.

重量(Weight) : approx. 700g (含相机 with camera)

翼展(WingSpan) : 96cm

照相机(Camera) : 1600万像素(16M pixels) (Standard)

无线电通信范围(RLOS) : 最高10公里(max 10km)

最长飞行时间(Max Fly hours) : 60分钟(60 mins) (作业时间45分钟) (operating 45mins)

额定巡航速度(Cruising Speed) : 40-90公里/小时 (km/hm)

最大范围(Max Area) (单次飞行) : 8平方公里/3平方英里 (square km/miles)

地面采样距离 (GSD) : 最小1.5厘米 (0.6英寸) 每像素(min 1.5 cm per pixel)

相对正射影图(Relative orthography)/3D模型精确度(3D module accuracy) : 1-3x解析度 (resolution) (GSD)

无人机航测系统能快速高效的生成地形图、正射影像图、数字地表模型和精确的成果报告，且测量方式安全，操作简单，即使在恶劣的天气条件下依然可以工作。(Aerial survey system can generate relief map, orthophoto map, DTM(digital terrain map) and accurate results report, safe measuring method and easy operation, can work even in very bad weather condition.



祥农XN-X1550(XiangLong XN-X1550)

火场侦察、危险探测、空中指挥，为消防人员安全保驾护航。反应迅速、视野广阔、现场图像可实时回传，做到精准决策。覆盖范围广，续航时间长，抗风能力强，稳定性好。(Reconnaissance on the fire ground, Danger Detection, Air Command, Escort the safety of the fighters. Swift response, wide vision, live images can be sent back realtime which help to make accurate decision. Wide coverage, long endurance, strong wind resistance, good stability.)

对称电机轴距(Wheelbase) : 1550mm

单臂长度(Arm Length) : 820mm

机身直径(Diameter) : 550mm

螺旋桨(Prop) : carbon fiber 29"

起飞重量(Takeoff Weight) : 20kg

有效载荷>Loading) : 10kg

图传模块(Graph transmission) : Standard/High definition

飞行时间(Flying hours) : 空载70分钟(70 mins, unloading) , 标准载荷50分钟(50 mins, loading)

遥控距离(Radio range) : 3-5km(max 10km)

飞行高度(Flying Height) : 5000m

抗风能力(Wind Resistance) : Grade 6

电池电量(Battery) : 22.2V 22000mAh

工作温度(Working temp) : -20℃至40℃

采用高强度全碳纤维材质，轻巧、重量轻、飞行平稳、机动灵活、空中阻力小、目标特性小、抗高温等特点，非常适合环境比较恶的环境，在森林防火应用中可以侦测、投掷灭火弹等。(High strength all carobon fiber material, light and easy, smooth flight, flexible, small air resistance, small target characteristics, high temp resistance, suitable for bad working conditions.)



祥农XN-J1300(XiangLong XN-J1300)

空中取证，远距离拍摄，悄无声息，让违法行为无处遁形。空中疏导、远距离指挥，覆盖范围更广、疏导效率更高空中立体巡查，排除安全隐患；暴恐事件及时反应，维护安全稳定。(Air Forensics, Remote shooting, make the illegal behaviors have nowhere to hide. Air dredging, remote commanding, wide coverage, high efficiency; swift response to terrorist incidents, maintenance of security and stability).

对称电机轴距(Wheelbase) : 1300mm
单臂长度(Arm Length) : 400mm
机身直径(Diameter) : 1350mm
螺旋桨(Prop) : Carbon fiber 24"
起飞重量(Takeoff Weight) : 13.5kg
有效载荷>Loading) : 2.6kg-5kg(max)
图传模块(FPV) : High definition/4G
遥控距离(Radio Range) : 6km(max 10km)

飞行时间(Flying hours) :
unloading 68mins
飞行高度(Flying Height(: 3000m
抗风能力(Wind Resistance) : Grade
5
电池电量(Battery) : 22.2V
44000mAh
工作温度(Working Temp) : -20℃-
40℃

具有方便携带、操作简单、可靠性高、飞行稳定性、丰富的警用设备挂载能力，可同时搭载高倍变焦云台、红外云台相机、语音喊话广播设备、投放设备。是一款功能强大、实用性高的无人机装备。(Easy and handy, simple operation, high reliability, flight stability, rich police equipment loading).



祥农XN-D1600(XiangLong XN-D1600)

无人机巡查，具有人员少、时间短、效率高、成本低等优势。第一时间发现故障所在，为抢修赢得时间。无人机清理高压电网上的杂物时无需登云梯、爬杆塔，更安全、更高效。(Fewer personnel, less time, higher efficiency, lower cost. Find the fault quickly to save time for fixing. No climbing the ladder and tower while cleaning up impurities on high-volt power grids, safer and more efficient.)

对称电机轴距(Wheelbase) : 1600mm

螺旋桨尺寸(Prop) : 28"

有效载荷>Loading) : 7kg

最大飞行速度(Max Flying speed) : 15m/s

续航时间(Endurance Hours) : 60min (unload)

最大起飞海拔高度(Max Takeoff Altitudes) : 4200m

电池容量(Battery) : 2*22000mAh 6S Li-Battery

抗风等级(Wind Resistance) : Grade 6

爬升速度(Climbing Speed) : 5m/s

图传距离(Image Transmission) :

5km

数传距离(Data Transmission) :

10km

航程(Flying Range) : 5km

升限(Ceiling) : 1200m

整机采用碳纤维为原料，机臂可拆卸，连接体均采用进口新料加纤结合现代高科技成型工艺制作完成，机体采用全封及防水槽设计，真正达到工业三防标准。(All carbon fiber material, arm easy to be disassembled, all enclosed and waterproof design, real NCB Defense standard).



祥农XN-Y1710(XiangLong XN-Y1710)

搜索范围广，精度大，亦可实现黑夜、大雾天的有效搜救。空投救灾物资与工具，增强受灾人员自救能力，提高救援效率。可整体航拍，可局部搜索，全面掌握事故原因或受灾情况。(Wide research range, high precision, can search and rescue in night and foggy days. Airdrop relief supplies and tools, enhance self rescue ability of disaster victims, improve rescue efficiency. Holistic aerial photograph and local research can help to understand the whole picture of the disaster).

整机展开最大尺寸(Dimension) : 1710mm

飞机轴距(Wheelbase) : 955mm

标准起飞重量(Standard Takeoff weight) : 8.2Kg

最大起飞重量(Max takeoff weight) : 10.7Kg

任务载重 : 3kg

空载悬停时间(Unloading Hover time) : 50min

最大飞行速度(Max Flying Speed) : 12m/s

最大相对飞行高度(Max Flying Height) : 1000m (平原) Altitudes) : 5000m

GPS悬停精度(Hovering Accuracy) : vertical : 1.5m , horizontal : 2m

遥控器最大控制距离(Radio Range) : 7Km

地面站最大控制距离(Radio Range from ground station) : 10Km

最大抗风能力(Wind Resistance) : Grade 6

最大工作海拔(Max Working

快拆式多旋翼结构设计，一体化成型全碳纤维机身、刚性好、自重轻。更强的飞行稳定性及抗风能力。整机采用防雨设计，集防雨罩、摄像机及高清图传于一体。(Easy disassembled quadcopter structure design, all carbon fiber material, good rigidity and light. Better flight stability and stronger wind resistance. The UAV is designed to be rainproof, which combine the rain cover, camera and image transmission).



祥农盾可以发现、瞄准并制止小型无人机远离重要的政府设施，如科研中心、看守所、法院、审讯室、劳改队、机场、监狱或者你的家。祥农盾并不像其他的无人机系统那么暴力，而是利用无线电波对无人机进行飞行控制干扰。祥农盾通过在GPS/无线通信的调谐频带上产生宽带或窄带有源噪声信号，在空间辐射形成压制干扰环境，人为地把噪声传给GPS/无线通信的接收机，增大其输入端的噪声水平，降低其信噪比，从而干扰无人机的正常工作。

Xiangnong Shield can detect, target and stop small drones from important government facilities such as research centers, detention centers, courts, interrogation rooms, labor reform teams, airports, prisons or your home. Xiangnong Shield is not as violent as other UAV systems, but uses radio waves to interfere with flight control of drones. Xiangnong Shield generates a wide-band or narrow-band source noise signal in the tuning band of GPS/wireless communication, forms a suppressed interference environment in space radiation, artificially transmits noise to the receiver of GPS/wireless communication, and increases the noise at its input end. Level, reduce its signal-to-noise ratio, and thus interfere with the normal operation of the drone.

消防无人机工作流程 Workflow for Fire UAV



收到火情，快速出动
搭载高清摄像机，确定火灾范围

Receive fire warning report
Carrying an HD camera,Determine the fire range



连接指挥中心，制定救援方案

Connect the command center
and determine the rescue plan



智能抛投救援设备
搭建空中救援走廊

Intelligent throwing rescue equipment
Building an air rescue corridor



保持监控，寻找幸存者

Keep monitoring and find survivor

排查火灾区域其它易燃易爆等危险物品
防止火情进一步扩大

Troubleshoot other inflammable and explosive dangerous
goods in flood areas.Prevent the fire from further expanding.

搭载红外热成像，确定起火源
实时图传，回传至地面站

Equipped with infrared thermal imaging camera
Determine the location of the fire source
Real-time image return

危险品、爆炸品现场
搭载毒气检测装置，检测现场环境
Equipped with a gas detection device
to detect the scene environment

引导地面部队，开展灭火救援行动
Guide ground forces to carry out fire
fighting and rescue operations

受灾区域通讯故障时，建立通讯中继

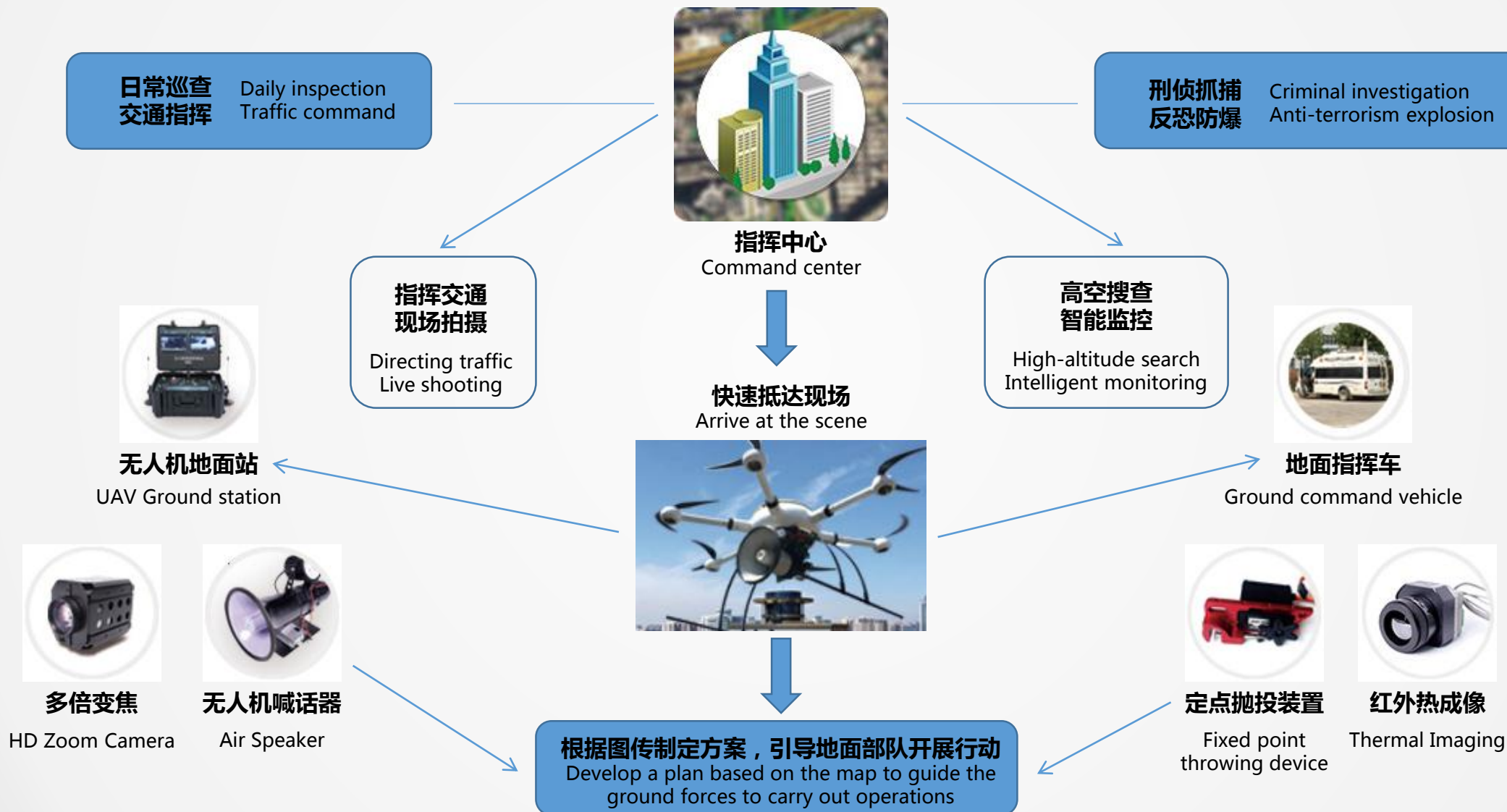
Establish communication relay when communication
failure occurs in the disaster area.



警用无人机工作流程 Workflow for Police UAV



广东历鼎龙动力科技有限公司
GUANGDONG LIDINGLONG POWER TECHNOLOGY CO.,LTD





电力无人机架线流程 Workflow for Electric Power Inspection UAV



广东历鼎龙动力科技有限公司
GUANGDONG LIDINGLONG POWER TECHNOLOGY CO.,LTD



1、调试设备
1. Commission Drone



2、安装负荷和引导线
2. Assemble loading and guide line



3、控制飞行
3. Control flight



4、到达指定地点
4. Arrive at the designated location



5、降落引导线
5. Landing guide line



6、完成任务，飞机返航
6. Mission achieve, Aircraft return



3D测绘倾斜摄影
3D Surveying &
Mapping Oblique Camera



全景相机
Panoramic Camera



空中喊话云台
Air Speaker with
Light Alarming Unit



10倍高清变焦云台
HD 10X Zoom Camera



30倍高清变焦云台
HD 30X Zoom Camera



双光高清云台
Dual-light Camera



抛投云台
Air Release Unit



气体探测云台
Gas Detection Unit



热成像云台
Thermal Imaging Camera



MESH中继云台
MESH Relay Suite

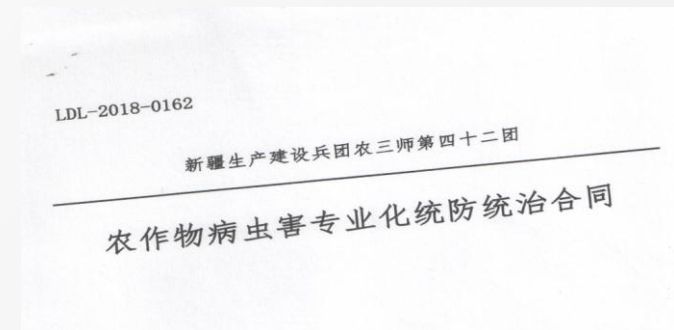
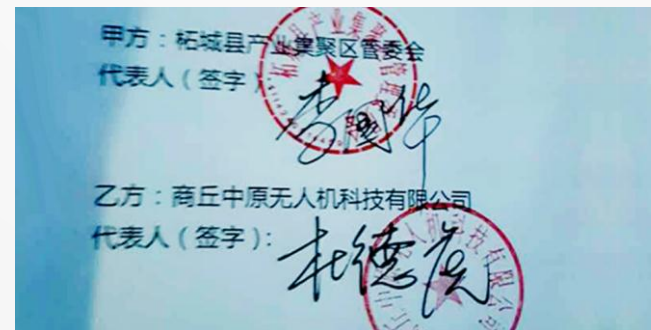
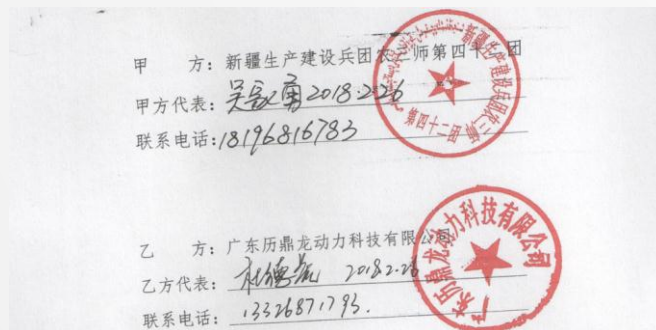
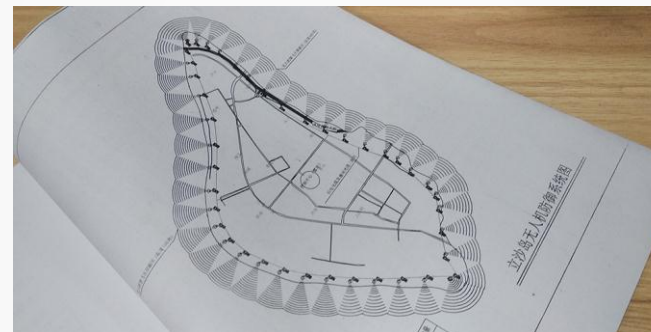
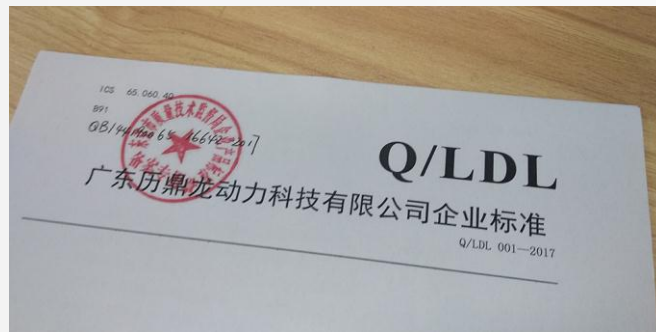
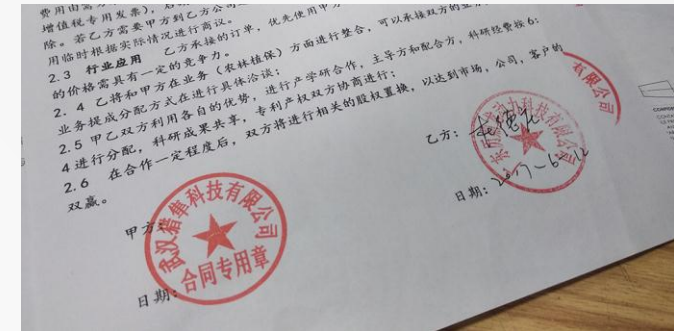


**震爆弹
催泪弹云台**
Stun Grenades
Tear Bomb Release Unit



低延时变焦云台
Low Latency Zoom Camera

合作案例 Examples of Cooperation





感谢您的聆听

Thank You!