DJ® CAMERA DRONES 3, DRONE WITH PZT CAMERA 4K FOR ADULTS! BEST DJ®

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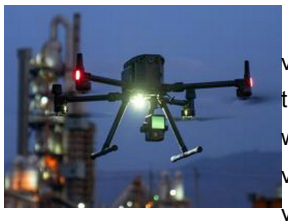
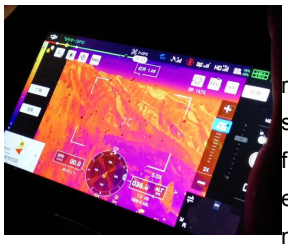
COMPANIES OF DJ® HD CAMERA DRONES3 SAMLL PARTS, PTZ COMPONENTS, LIDAR FOR SALE! SUPPLIERS OF MINI UAVS DJ® POWERFUL FPV DRONE CAMERA, FOR SELF MEDIA IN CHINA.

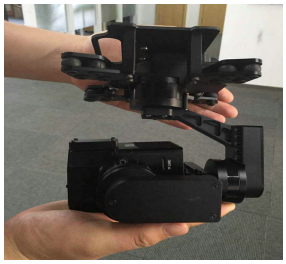


camera drones, as a drone or unmanned aerial vehicle, is an aircraft without a human pilot on board that is controlled remotely. camera drones equipped with cameras have become increasingly popular for various purposes, including aerial photography and videography.



camera drones have found applications in a wide range of industries. camera drones are used to capture stunning aerial shots and videos for photography, filmmaking, and promotional purposes. camera drones equipped with specialized cameras are used for mapping terrain, surveying landscapes, and monitoring construction sites.

camera drones can be deployed in search and rescue operations to survey large areas quickly and locate missing persons or assess disaster-stricken areas. in precision agriculture, camera drones equipped with various sensors and cameras are used to monitor crop health, assess field conditions, and optimize farming practices.



camera drones can be employed for surveillance and monitoring in security applications, such as event monitoring, border patrol, and crowd control. many people use camera drones for recreational purposes, enjoying the experience of flying and capturing aerial imagery as a hobby. advancements in drone technology continue to expand their capabilities and applications across various industries.

DJ® camera drones, LiDAR camera drones, FPV drones with camera gimbals, mini UAV, adults drones, big UAV systems, UAV parts. DJ® top drones.

weight:	1.25KG
working temperature:	-20C~40C
camera:	26 million pixels, 16mm focal length
measuring range:	190m@10% reflectivity, 260m@20% reflectivity, 450m@80% reflectivity.
wavelength:	905nm
distance measurement accuracy:	less than 2cm (1α@20m)
light speed divergence:	0.28C vertical*0.03C horizontal
angle accuracy:	less than 0.005C
DJ® camera drones, LiDAR camera drones, FPV drones with camera gimbals, mini UAV, adults drones, big UAV systems, UAV parts. DJ® top drones for aerial photography.	

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underwater robotics
unmanned helicopters
drone swarms
aerial photography drones
agriculture drones
inspection drones
police drones
emergency drones
logistics drones
mapping drones
mining drones

point cloud output:	720,000 points/second
GNSS:	GPS, GLONASS, BEIDOU
azimuth accuracy:	0.038C[1α]
attitude accuracy:	0.038C[1α]
DJ® camera drones, LiDAR camera drones, FPV drones with camera gimbals, mini UAV, adults drones, big UAV systems, UAV parts. DJ® top drones for aerial photography.	

X20P-LIR airborne lidar infrared hyperspectral camera drones, adult UAVs DJ® powerful FPV drone camera, best DJ® top camera gimbals, aerial photography camera drones, self media camera drones

The X20P-LIR airborne lidar infrared hyperspectral camera drone is a multi-functional UAV remote sensing equipment that integrates lidar, thermal infrared and hyperspectral imaging, and can simultaneously acquire lidar, infrared and hyperspectral image data in real time . The main functions of the UAV camera include: hyperspectral imaging based on light field technology, spectral range 350~1000nm, 3.5MP high-definition full-color camera, solid-state lidar with a range of 450m (@80%Ref), large area array high accuracy Thermal infrared imaging; drone camera built-in control system, high-precision inertial guidance and solid-state storage, suitable for use on a variety of drones

X20P LiDAR camera drones DJ® camera drones, LiDAR camera drones, FPV drones with camera gimbals, mini UAV, adults drones, big UAV systems, UAV parts. DJ® top drones.

spectral range:	350~1000nm+905nm-LiDAR+7.5~13.5μm-IR
hyperspectral image:	1886*1886 pixels/scene
number of spectral channels:	325 (expandable)
sensor:	20 MP hyperspectral CMOS+LiDAR +Vox IR+3.5MP full-color integrated design
imaging method:	frame-type hyperspectral and thermal infrared imaging, solid-state LiDAR and panchromatic camera simultaneous measurement
hyperspectral imaging speed:	greater than 2 Cubes/s (1886*1886 pixels)
panchromatic camera:	3.5 million pixels, real-time simultaneous imaging with hyperspectral
thermal infrared resolution:	640*512 pixels full screen temperature measurement
temperature measurement accuracy:	+/-1C laboratory black body verification)
LiDAR:	905nm solid-state LiDAR, Level 1 eye-safe
measuring distance:	450m @ 80% reflectivity
ranging accuracy:	2cm (1σ@20m)
attitude accuracy:	0.008°
acquisition control storage:	built-in acquisition control system, solid state drive 8G/512G
DJ® camera drones, LiDAR camera drones, FPV drones with camera gimbals, mini UAV, adults drones, big UAV systems, UAV parts. DJ® top drones for aerial photography.	

CDT410 is a highly integrated hyperspectral camera drones, adult UAVs DJ® powerful FPV drone camera, best DJ® top camera gimbals, aerial photography camera drones, self media camera drones

410 is a highly integrated hyperspectral camera drone with built-in binocular imaging detector, acquisition control and storage unit, inertial navigation INS and other components; the visible light camera uses a high-quality sensor with 12 million effective pixels and is equipped with a high-sensitivity gyroscope The instrument chip has built-in AI anti-shake algorithm and can take 12M pixel photos. The overall structure is compact and

can be mounted on a variety of drones. It has great application in the fields of environmental remote sensing, precision agriculture, forest survey, vegetation assessment and management, and mineral exploration. Broad application prospects.

The 400~1000nm hyperspectral sensor equipped with the 410 adopts advanced high quantum efficiency CMOS focal plane array (FPA) technology and the patented solid optical module Offner imaging spectrometer. It has an excellent high-reflection diffraction grating and excellent transmission efficiency. Signal-to-noise ratio, spectral fidelity, and spatial resolution.

410 has built-in high-efficiency microcomputer control system, data acquisition and storage system, and precise MEMS-based tightly coupled GPS/inertial navigation system (INS). Acquired hyperspectral images can be saved as raw data and/or radiometrically calibrated data, significantly reducing post-processing time and streamlining workflow

410 hyperspectral camera drones DJ® camera drones, LiDAR camera drones, FPV drones with camera gimbals, mini UAV, adults drones, big UAV systems, UAV parts. DJ® top drones.

sensor:	4000*3000 pixels + 1408 spatial dimensions CCD/CMOS combined detector
chip algorithm:	equipped with a high-sensitivity gyroscope chip and embedded AI anti-shake algorithm
spectral range:	400 ~ 1000 nm
sampling interval:	2 nm, automatic 2x binned
hyperspectral space dimension:	682*80000 pixels/Cube, subsets can also be selected
number of channels:	150 spectral channels, select any band to reduce redundant data
lens specifications:	16 mm/F1.4, 29.5 degrees field of view
camera:	capable of taking 12-megapixel high-definition images
software:	Web-based multi-browser GUI, automatically generates IGM files, including coordinate information for each pixel
rame rate:	100Hz, 120Hz, 160Hz, 200Hz, 220Hz, 240Hz, 300Hz, automatically matching speed and width
data reading:	12-bit, built-in 800G high-speed SSD
INS:	INS GPS+Mems IMU+Kalman filter combination
interface:	ethernet+Esata+USB3.0+TF+Skyport interface, real-time image transmission
installation method:	tool-free quick release, SkyPort V2 electronic cable connection
stabilization range:	pitch direction: +/-40C, roll direction: +/-45C
limit range:	pitch direction: +30 degrees/-135 degrees, roll
direction:	+/-90 degrees
hardware:	integrated brushless motor gimbal, total weight: 1.4kg
DJ® 410 hyperspectral camera drones, LiDAR camera drones, FPV drones with camera gimbals, mini UAV, adults drones, big UAV systems, UAV parts. DJ® top drones for aerial photography.	

AMS10 ultra high resolution 10-channel spectroscopic camera drones, adult UAVs DJ® powerful FPV drone camera, best DJ® top camera gimbals, aerial photography camera drones, self media camera drones

AMS10 has a uniquely designed high-definition sensor and image acquisition method, which can simultaneously acquire 10-channel spectral image data with extremely high resolution, with each channel image up to 12 million pixels; it can be used for agricultural remote sensing, environmental remote sensing, forestry survey, precision Agriculture and agricultural hazards can be integrated into automated agricultural facilities to carry out applications such as automatic machine vision recognition and machine learning.

AMS10 uses a single ultra-large area array detector, which avoids the problem of inconsistent detector response caused by ordinary multispectral imaging equipment using different detectors; moreover, traditional multispectral imaging equipment requires preprocessing of images in each band to ensure that the channels This undoubtedly increases the workload and affects timeliness. in addition to the advantage of large-area ultra-high resolution, 7R also has an industrial-grade imaging system and optical hardware with only 1% optical distortion!

AMS10 ultra high resolution 10-channel spectroscopic camera drones DJ® camera drones, LiDAR camera drones, FPV drones with camera gimbals, mini UAV, adults drones, big UAV systems, UAV parts. DJ® top drones.

number of channels:	10pcs
spectral band:	405nm, 430nm, 450nm, 550nm, 560nm 570nm, 650nm, 685nm, 710nm, 850nm
spectral bandwidth:	25nm
pass efficiency:	greater than 95%
single channel pixel:	12MP/Channel
lens:	25mm/F6
optical distortion:	1%
FOV:	horizontal direction 35
GSD:	1.6cm@100m, 3.3cm@200m, 5cm@300m
detector:	single detector has more than 60 million effective pixels
imaging assistance:	multi-axis anti-shake function
number of digits:	greater than 14bit
video:	can record 4K video data 3840 x 2160, 1.65 MP per band
focus range:	2m~infinity
communication:	WiFi Compatible, 802.11b/g/n (2.4GHz band); HDMI micro connector (Type-D); MULTI / MICRO USB TERMINAL; NFC
software functions:	automatic cropping, calculation of vegetation index, Tiff format conversion, automatic calibration, batch processing of each channel data
DJ® AMS10 ultra high resolution 10-channel spectroscopic camera drones, LiDAR camera drones, FPV drones with camera gimbals, mini UAV, adults drones, big UAV systems, UAV parts. DJ® top drones for aerial photography.	

WIRIS Pro dual thermal infrared camera drones, adult UAVs DJ® powerful FPV drone camera, best DJ® top camera gimbals, aerial photography camera drones, self media camera drones

WIRIS Pro high performance airborne dual camera thermal infrared imager, optional frame rate of 30Hz or 9Hz, thermal infrared image super-resolution mode up to 1266x1010 pixels (resolution 1.3Mpx), temperature sensitivity of 50mK, advanced version is 30mK, the highest measurable temperature Up to +1500℃, multiple field of view angle lenses are available, real-time preview is available during work, 14x continuous digital zoom; the digital camera imaging resolution is up to 1920x1080 pixels, with anti-shake function.

WIRIS Pro dual thermal infrared camera drones DJ® camera drones, LiDAR camera drones, FPV drones with camera gimbals, mini UAV, adults drones, big UAV systems, UAV parts. DJ® top drones.

IR image resolution:	640 x 512 / 1266 x 1010 pixels
temperature measurement range:	-25C~+150C, -40C~+550C or filter +50C~1000C, +400C~1500C optional
DJ® WIRIS Pro dual thermal infrared camera drones, LiDAR camera drones, FPV drones with camera gimbals, mini UAV, adults drones, big UAV systems, UAV parts. DJ® top drones for aerial photography.	

temperature measurement sensitivity:	0.05C (50mK); 0.03C(30mK) optional
temperature measurement accuracy:	+/-2% or +/-2℃
frame rate:	9Hz~30Hz
wavelength:	7.5~13.5μm
lens specifications:	18°, 32°, 45°, 69° optional, can be replaced by yourself
digital zoom:	1~14x sustainable zoom
spatial resolution:	1920x1080 pixels (FHD)
viewing angle:	6.9°~58.2°
focal length:	33.0mm~3.3mm
optical zoom:	10x optical zoom with anti-shake function
focus:	Autofocus, Full HD 10x optical zoom, with anti-shake compensation
CAN:	compatible with DJI M600 and A3 controllers
SBus:	can support 18-channel signals
trigger:	PWM, S.Bus or external TTL trigger
unction:	temperature setting, alarm, maximum value, minimum value, center point, zoom, image capture, video capture
memory:	high-speed SSD 128GB or 256GB; external SD card slot, USB 2.0 can be connected to an external U disk
GPS:	when connected to an external GPS, GPS data can be recorded directly in images or videos.
hot spot (cold spot) detection:	automatic hot spot, cold spot detection with temperature value
emissivity correction:	direct correction in WIRIS or correction in software
other corrections:	reflected temperature and atmospheric temperature correction
power supply:	9~36VDC, 12W
size:	83mmx85mmx68mm
weight:	450g
working temperature:-	20C~+55C
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