

STARVIEW SDRO SERIES

PROFESSIONAL UAV SOLUTION





INTRODUCTION

Reliable commercial UAVs make the task easier, safer, and faster. Starview, as an industry leading UAV solution provider, is committed to providing intelligent and standardized UAV solutions suitable for different application scenarios.

UAV Mapping & Surveying: Starview provides professional UAV mapping solutions, covering different application areas, such as land survey, city planning, construction and infrastructure, etc., which can save time, ensure safer working conditions and more accurate 3D models.

UAV Inspection: Starview provides safer and efficient UAV inspection solutions for customers. The application field involves power line & pipeline inspection, emergency monitoring and surveillance patrol etc. UAV inspection will help to increase safety, reduce work time and labor costs, access to hard-to-reach areas and get more accurate data etc.



STARVIEW MULTIROTOR UAV QUADCOPTER APPLICATION



Security and Surveillance

Offering automated route cruising and fixed-point monitoring capabilities for specific areas. Real-time transmission of monitoring footage and local recording.

Broadcasting System

Capable of carrying a high-decibel public address system for city-wide broadcasts and alerts to specific areas.



Industrial Applications

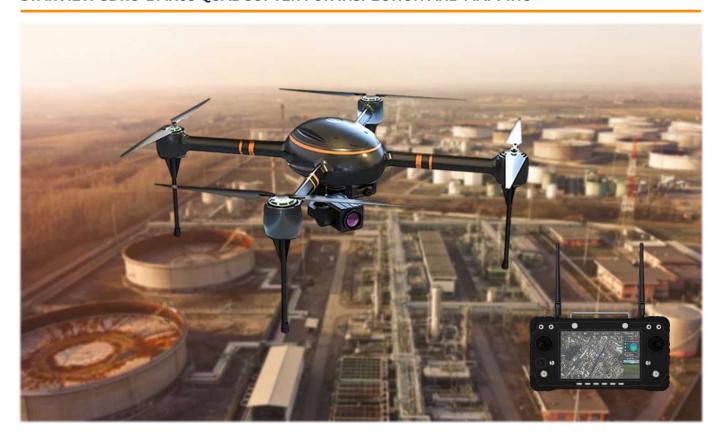
Tailored for specific industries such as power, firefighting, and law enforcement. Customized equipment can be integrated to achieve specialized functions for specific scenarios.

Powerline Inspection

UAV solutions automate inspections and provide accurate data on all parts of the grid, enabling timely repairs, removing risk of accidents, and reducing downtime.



STARVIEW SDRO-BMX68 QUADCOPTER FOR INSPECTION AND MAPPING



◆ Description

SDRO-BMX68 is a small but powerful drone designed for inspection and mapping. Its compact design, versatile functionality, and exceptional performance ensure you're equipped for success in various applications. With an ultra-short 680mm wheelbase, SDRO-BMX68 offers exceptional maneuverability and control.

Catering to various industries, the SDRO-BMX68 provides tailored and professional solutions to meet diverse needs. Whether for aerial photography, surveillance, mapping, or any other application, the SDRO-BMX68 is designed to provide top-notch performance and unmatched reliability.

◆ Features

- Provides tailored and professional solutions to meet diverse needs.
- Compact and streamlined design.
- Full carbon fiber material, and 680mm wheelbase.
- Versatile & enhanced maneuverability:
 - Lightweight design;
 - 10x optical zoom (option).
- Your gateway to effortless expansion:
 - Dual sensor night vision capability (option);
 - Ethernet port, HDMI, serial port supported.
- Elevating surveying & Mapping efficiency:
 - Oblique camera integration (option);
 - Built-in high-performance GPS module;
 - Cover 1 km² on a single battery charge.
- Image transmission system: With 20km control range and dual-channel image transmission, the automatic frequency hopping technology enhances interference resistance, ensuring a more robust and stable image transmission.

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- FPV perspective: Standard across the entire range is a single-axis FPV gimbal, delivering a safer and more stable flight perspective. It supports up to 1080P H.264 encoded video transmission and offers onboard recording and photography.
- Android system: Equipped with a 7-inch 1920×1200 resolution ISP high-brightness screen, reaching a maximum brightness of 2000 nits. Built-in Android operating system and providing the required SOCET interface for simplified development.
- Smart battery: Utilizing high-energy-density li-ion battery, coupled with an intelligent control board, it allows easy monitoring of battery levels and switch control, and is equipped with a smart discharge system.
- GCS App: Built upon the foundation of QGroundControl (QGC), this app offers a wealth of enhancements to provide a superior user experience and streamline your operations. With an improved interface, it offers a broader map perspective, enabling intelligent waypoint planning, automated execution, auto-follow, one-click-to-home functionality, and significantly enhanced operational efficiency for professional tasks across various domains.

STARVIEW MULTIROTOR UAV QUADCOPTER FOR INSPECTION AND MAPPING		
MODEL	SDRO-BMX68	
Controlling Range (No Interference)	20 Km	
Wheelbase	680 mm	
Unfolded Size (W x D x H)	780 x 780 x 255 mm	
Folding Size (W x D x H)	544 x 544 x 255 mm	
Net Weight	1,161 g	
Transport Size (W x D x H)	590 x 590 x 290 mm	
Transport Weight	7 Kg	
Recommended Maximum Take-off Weight	3.5 Kg	
Hovering Accuracy	Vertical ±0.8m/ Horizontal ±2.5m	
Maximum Rudder Speed	200°/s	
Axes	4 axis	
Maximum Ascent Speed	6 m/s	
Maximum Descent Speed	4.5 m/s	
Maximum Wind Speed	8 m/s	
Hovering Time (No Payload)	100 minutes	
Power System	Motor 4008 + ESC 40A	
Working Temperature	-10°C ~ 40°C	
Maximum Flying Speed	66 Km/h	
Traction Rope Model	2.0 mm	
Maximum Pitch Angle	35°	
RADIO CONTROLLER SPECIFICATIONS		
Controlling Distance (No Interference)	10 Km	
Endurance	6 ~ 20 hours	
Transmitter Power	20DB@CE/23DB@FCC	
Receiving Sensitivity	-120 DBM	
Dust-free Design	Joystick dust-free	
Charging Voltage	9 V	
Channels	16	
Model Applications	Fixed wing, helicopter, glider, multi-rotor	
Storage Capacity	8 Gb	

Relay Function	Yes	
Low Voltage Alarm	Yes	
PC Parameter Adjusting Upgrade	Yes	
Battery	20,000 mAh	
Working Current	4.2 V	
Charging Port	Type-C	
Dimension (W x D x H)	272 x 183 x 94 mm	
Weight	1,043 g	
Frequency	2.400 - 2.483 GHz	
Joystick Resolution	4096 grade	
CHARGER SPECIFICATIONS		
Input Voltage	AC 100 ~ 240 V @50/60Hz	
Output Voltage	24 V	
Charging Current	8A	
Discharging Current	2A	
Maximum Charging Power	100 W	
Maximum Discharging Power	24 W	
Balance Current	1A	
Battery Type	Lipo-6s	
Working Temperature	0°C∼ 40°C	
Storage Temperature	-20°C~ 60°C	
Dimension (W x D x H)	130 x 115 x 61 mm	
Weight	380 g	
BATTERY SPECIFICATIONS		
Capacity	12,000 mAh	
Weight	1,166 g	
Voltage	4.4 x 6 V	
Туре	Lipo-6s	
Plug Type	XT60	
Working Temperature	-10°C ~ 40°C	

STARVIEW SDRO-BNAGA QUADCOPTER



◆ Description

SDRO-BNAGA is a small but powerful drone designed for inspection and mapping. Its compact design, versatile functionality, and exceptional performance ensure you're equipped for success in various applications. Featuring IP65 rating folding frame, and multiple failsafe, SDRO-BNAGA packs practical tools in a miniature airframe.

Catering to various industries, the SDRO-BNAGA provides tailored and professional solutions to meet diverse needs. Whether for aerial photography, surveillance, mapping, or any other application, the SDRO-BNAGA is designed to provide top-notch performance and unmatched reliability.

◆ Features

- Featuring 90 minutes of flight time, IP65 rating folding frame and multiple failsafes, SDRO-BNAGA packs practical tools in a miniature airframe.
- Its compact folding airframe enables easy operation and flexible maneuvering.
- Forged from a combination of carbon fiber, PCB and CNC, NAGA is both light, 5.4 Kg including a battery and tough, allowing flight mission under a wide temperature range of -10°C 55°C.
- A set of built-in antenna shields from dust and moist.
- Self-locking propellers spare the need for tools to mount.
- Under circumstances when SDRO-BNAGA is in low voltage status or loss of signal, Return to Launch failsafe will be automatically triggered to save the day.
- Plan the flight path that can be saved for future mission on either Herelink 5.5" inch touch screen or on Mission Planner/PC after linking herelink with PC through WiFi/Bluetooth/USB, drone flying becomes programmable and as simple as anyone can master. Alternatively, Herelink also serves as a streaming media server that delivers video and data (WAN) among team members on their devices like an ipad, mobile phone or PC, allowing a simultaneous team participation in the mission.

STARVIEW MULTI	ROTOR UAV QUADCOPTER FOR INSPECTION AND MAPPING	
MODEL	SDRO-BNAGA	
Controlling Range (No Interference)	20 Km	
Wheelbase	815 mm	
Unfolded Size (W x D x H)	670 x 650 x 200 mm (excluding propellers/landing gears)	
Folding Size (W x D x H)	440 x 210 x 200 mm (excluding propellers/landing gears)	
Carrying Case (W x D x H)	680 x 450 x 350 mm	
Propeller	22 x 8 inch	
Operating Weight	5.4 Kg (including battery)	
Battery Weight	2.8 Kg	
Transport Weight	7 Kg	
Recommended Maximum Take-off Weight	8 Kg	
Hovering Accuracy	Vertical ±0.8m/ Horizontal ±2.5m	
Maximum Ascent Speed	4 m/s	
Maximum Descent Speed	3 m/s	
Maximum Wind Speed	14 m/s	
Hovering Time (No Payload)	90 minutes	
Working Voltage	50.4 V	
Working Temperature	-10°C ~ 55°C	
Maximum Flying Speed	108 Km/h	
Service Ceiling	6,000 m	
Maximum Pitch Angle	25°	
CHARGER SPECIFICATIONS		
Input Voltage	AC 100 ~ 240 V @50/60Hz; DC 10 ~ 34 V	
Output Voltage	DC1~34 V	
Charging Current	0.2 ~ 20 A x 2	
Discharging Current	0.2 ~ 3 A x 2	
Maximum Charging Power	AC 400 W / DC 600 W x 2	
Maximum Discharging Power	30 W x 2	
Balance Current	1.5 A/Cell Max	
Battery Type	LiFe; Lilon; LiPo 1 ~ 8S; LiHv; ULiHv 1 ~ 7S; Pb 1 ~ 14S; NiMH/Cd 1 ~ 18S	
Working Temperature	0°C ~ 40°C	
Storage Temperature	-20°C ~ 60°C	
Dimension (W x D x H)	176 x 183 x 57 mm	
Weight	1,230 g	
BATTERY SPECIFICATIONS		
Capacity	25,000/30,000/33,000 mAh (Optional)	
Weight	4,490/5,260/5,750 g	
Voltage	51.8 V	
Туре	Solid-State Li-ion	
Working Temperature	-10°C ~ 40°C	

MISSION PAYLOAD GIMBAL CAMERA / MAPPING CAMERA / LIDAR Max:28.3°C Min:-5.9°C www.starviewint.asia



◆ Description

The zoom dual-light integrated system of SDRO-BMX68-C 10x optical zoom camera, thermal imager, and high-precision professional three-axis stabilized gimbal adopts high-precision encoder FOC control solution, which has the characteristics of high stability, small size, light weight, and strong functions; the visible light camera adopts a low-light SENSOR with an effective pixel of 4 million; the thermal imaging adopts a 320 x 240 resolution detector with a baffle design.

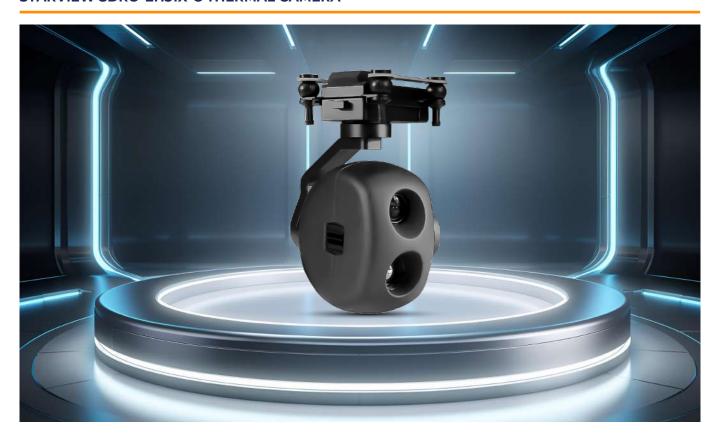
The system supports network dual-stream output, supports direct control of network ground stations, realizes picture-in-picture and pod camera control, supports local TF storage, supports dual-channel synchronous recording, supports pseudo-color switching, supports temperature measurement, and supports multiple picture-in-picture modes.

◆ Features

- Dual sensors help users easily collect visible and thermal imaging data of the same picture in one flight. SDRO-BMX68-C also supports dual-channel synchronous video recording, which is convenient for subsequent video analysis.
- SDRO-BMX68-C supports multiple thermal imaging pseudo-color pattern, can switch from one pattern to another, and has picture-in-picture function.
- The temperature measurement function helps the user get the detailed temperature data in real time.
- 10 times visible light + thermal imager.
- Multiple thermal imaging pseudo-color modes.
- Matching ground station, picture-in-picture display.
- Zero-second real-time switching.
- Three-axis stabilized gimbal.
- Ground station mouse control, screen tap and button.
- OSD menu parameter adjustment, gimbal attitude.
- Single TF card, dual.

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STARVIEW UAV CAMERA			
MODEL		SDRO-BMX68-C	
	Resolution	320 x 240 pixel	
	Pixel Pitch	12 µm	
	Spectral Range	8 µm to 14 µm	
Thermal Camera	NETD	≤ 65 mK @30°C	
	Contrast/Luminance	Adjustable	
	FOV	6.5 mm lens; Angle: 34.4° x 25.8°	
	Measure Function	Center point temperature measurement, high and low temperature.	
	Image Sensor	CMOS 1/3; 4 MP	
	Optical Zoom	10x, f = 4.9 to 49 mm	
	Focus Time	Real-time fast focus function, less than 1s	
Visible Company	Video Output	HDMI 1080p 60FPS, TF card storage	
Visible Camera		D: Wide 66.6° ±5%; Tele 7.2° ±5%	
	FOV	H: Wide 53.2° ±5%; Tele 5.3° ±5%	
		V: Wide 39.8° ±5%; Tele 4.2° ±5%	
	Supported Mode	1080p 60FPS	
Roll	Roll	-45° ~ 135°	
	Pitch	-120° ~ 120°	
_	Yaw	-150° ~ 150°	
	Pitch and Roll Accuracy	±0.02°	
	Yaw Accuracy	±0.03°	
	One-button Back to Center	One-button back to original position	
Characteristics	Adjustable Gimbal Control Speed	Angle and speed control supported. Support gimbal adaptive speed based on current speed mode and camera zoom	
	TF Card	16 Gb - 128 Gb class 10 TF card	
	Control Method	UART and SBUS control	
	Features	HDMI picture-in-picture; Pseudo-color switching; Temperature measurement	
Power Supply		DC 12 V - 26 V (3S or 6S)	
Power		Dynamic 12 W	
Dimension (W x H x [0)	108 x 150 x 180 mm	
Working Temperature		-10°C ~ 45°C	
Working Humidity		20 ~ 80% RH	
Storage Temperature		-20°C ~ 60°C	
Storage Humidity		20 ~ 95% RH	
Weight		633 g	



◆ Description

SDRO-EH31X-C is a dual sensor gimbal camera that integrates a 14x zoom camera and a 19 mm 704×576 thermal camera. Owe to the small size and quick-mount design, it can be mounted on multirotors easily and widely used in day and night surveillance, search and rescue, inspection and firefighting.

◆ Features

- 14x Zoom EO Camera: SDRO-EH31X-C adopts a 1/2.3" CMOS sensor with 12 mega pixels, features 3.5x optical zoom and 4x digital zoom. The real-time video transmission resolution is 1080p/25fps, the default video storage resolution is 4K (3840×2160).
- 704×576 Thermal Sensor: With 19 mm lens 704×576 thermal image sensor, SDRO-EH31X-C can record and transmit thermal images and visible images at the same time in PIP format. It can be used to detect fire spark in forest and the location of people or animals etc.
- $\pm 0.008^{\circ}$ Control Accuracy: Adopting high-precision stabilization technology, the 3-axis gimbal has a $\pm 0.008^{\circ}$ control accuracy to ensure stable image.
- 360° Infinite Rotating: Supports 360° rotation, which is very convenient for shooting and no need to worry about getting stuck due to the angle limit.
- Object Tracking: Supports dual sensors object tracking, can track static or moving target easily.
- IP Output & Multi Control Methods: SDRO-EH31X-C adopts IP output, it can be controlled through Serial Port, Sbus. It also supports TCP control via Ethernet cable.
- Up to 12 additional temperature measurement points, lines and areas can be set in the lens coverage area according to your need.

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STARVIEW UAV CAMERA			
MODEL		SDRO-EH31X-C	
	Image Sensor	Vox Uncooled Infrared Focal Plane Detector	
	Resolution	704 x 576 pixel	
	Pixel Pitch	12 µm	
	Spectral Range	8 μm to 14 μm	
	NETD	≤ 50mk @25°C, F#1.0	
	Lens Type	19 mm fixed-focus; F1.0	
Thermal Camera	Frame Rate	50 Hz	
memiai Camera	Measuring Accuracy	±3°C or ±3% of the reading (chose the larger value) @Ambient Temperature -20°C ~ 60°C	
	Temperature Measuring	(Point, Line, Area) Real-time Low/High temperature display. Inaddition, up to 12 additional temperature measurement points, lines and areas can be set in the lens coverage area accordingto your need.	
	High Temperature Warning	High temperature warning supported	
	Thermal Image Resolution	Main stream: 25fps (704 x 576, 384 x 288) Sub stream: 25fps (704 x 576, 384 x 288)	
	Image Sensor	CMOS 1/2.3"; 12.71 MP	
	Resolution	25fps (3840 x 2160); 25fps (1920 x 1080); Max capture resolution: (4000 x 3000)	
	Lens Type	3.5x optical zoom; F 3.85 ~ 13.4 mm Minimum shooting range: 1 mm ~ 3 mm (near-focus ~ far-focus) FOV (Horizontal): 82° ~ 25°	
	Defog	Electronic Fog Reduction/Optical Fog Reduction (Auto on)	
	Exposure	Auto	
Visible Camera	Working Mode	Video Recording; Photo Taking	
Visible Camera	2D Noise Reduction	Support (Auto on)	
	3D Noise Reduction	Support (Auto on)	
	Electronic Shutter	1/3 ~ 1/30,000s	
	OSD	Support	
	Point to Zoom	Support	
	Zoom Range	1 ~ 14x	
	One-click back to 1x	Support	
	Control Accuracy	± 0.008°	
	Mounting Type	Quick-mounting	
	Rotation Range	Pitch: +70° to -90°; Yaw: 360°	
Gimbal	Mechanical Range	Pitch: +75° to -100°; Yaw: 360°; Roll: +90° to -50°	
	Max Control Speed	Pitch: 120°/s; Yaw: 180°	
	Object Tracking	Support	
Power Supply		DC 12 V - 25 V	
Power		< 6 W	
Memory Card		Micro SD Card (Max 128 Gb)	
Real-time Resolution		IR: 704 x 576 EO: 720p, 1080p	
Dimension (W x H x D)		162 x 77 x 120 mm	
Working Temperature		-10°C ~ 55°C	
Working Humidity Storage Temperature		20 ~ 80% RH	
Storage Humidity		-20°C ~ 70°C	
		20 ~ 95% RH	
Weight		457 g	



◆ Description

Starview SDRO-LIDAR100V is a compact Lidar point cloud acquisition system, integrated with a laser scanner, GNSS satellite positioning system, INS inertial navigation system, and 26 MP camera, which can quickly obtain high-precision point cloud data and rich image information. It is widely used in city construction, forestry, agriculture, land planning, geological disasters, mine safety.

Owe to the lightweight and compact size, the Starview SDRO-LIDAR100V Lidar can be used for many different applications, such as objects classification and extraction, creating digital elevation models (DEMs) of specific landscapes, highlighting changes and abnormalities of vegetation growth.

♦ Features

- Starview SDRO-LIDAR100V Lidar Scanning System features 360° FOV, high point density (double echo, 640,000 point/sec), and high accuracy, the positioning accuracy is less than 5 cm. The max measuring range is 110 m.
- Built-in 26 MP camera 83° FOV synchronous collection of the image and point cloud data, generate a color point cloud or orthophoto map (DOM).
- POS Calculating Software: Combine and calculate Rover GNSS data, base GNSS data and IMU data to provide the scanning system with high-precision position, speed and attitude information.
- Point Cloud Calculating: Use high-precision POS data to provide direct geographic reference to point cloud data, then output LAS file for data post-processing.
- Point Cloud Post-processing Software: Perform point cloud classification, filtering, then generate digital image like DOM, DEM, DLG, DSM.

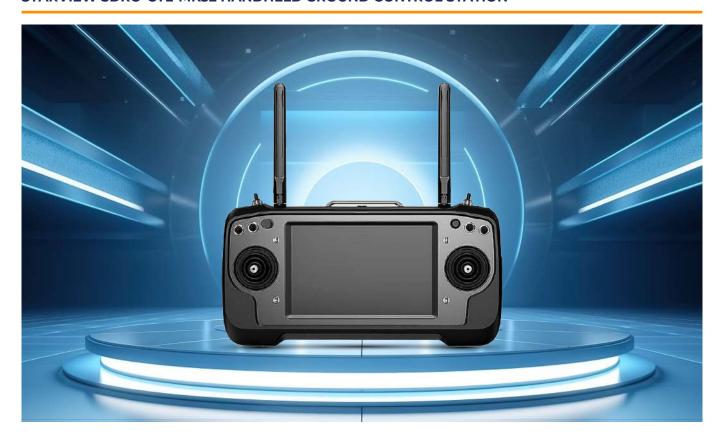
STARVIEW UAV LIDAR SCANNING SYSTEM			
MODEL		SDRO-LIDAR100V	
	Measuring Distance	120 m @ 10% reflectivity	
	Laser Safety Grade	905 nm Class 1 (IEC 60825 - 1:2014)	
	Laser Line Number	Equivalent to 16 beam	
Lidar	Accuracy	≤ 10 cm @ 110 m	
Ligar	Data Volume	Double echo; 640,000 point/sec	
	FOV	360°	
	Laser	HESAI XT	
	Carrying Platform	Multi Rotor	
	Update Frequency	200 Hz	
	Pitch Accuracy	0.015°	
	Roll Accuracy	0.015°	
POS	Yaw Accuracy	0.04°	
	Positioning Accuracy	≤ 0.05 m	
	GNSS Signal	GPS L1/L2/L5; Glonass L1/L2; BDS B1/B2/B3; GAL E1/E5a/E5b	
	POS	Output information: Position/Speed/Attitude	
Point Cloud		Output point cloud data format: LAS format, custom TXT format	
	Effective Pixels	26 MP	
Camera (Built-in) Focal Length	FOV	83°	
	Focal Length	16 mm	
Trigger Event		Distance or Time trigger	
Power Supply		DC 12 V - 24 V	
Consumption		20 W	
Weight		1.26 Kg	
Storage		Internal 64 Gb, Max. 128 Gb TF card	
Working Temperature		-20°C ~ 55°C	

COMMUNICATION SYSTEM

GCS / DATA LINK / VIDEO LINK



STARVIEW SDRO-CTL-MK32 HANDHELD GROUND CONTROL STATION



◆ Description

Starview SDRO-CTL-MK32 Handheld Ground Station with RC, video, data and android system all-in-one features 15km long transmission range and great anti-interference performance.

◆ Features

- 7-inch High Definition & Brightness LCD Touchscreen: Starview SDRO-CTL-MK32 is equipped with a 7-inch high-brightness touch screen. Maximum brightness can reach 1000 cd/m², which can be used in full sunlight;
- 15 Km Wireless Digital Image Transmission: Starview SDRO-CTL-MK32 is an all-in-one link integrated with remote control, datalink, videolink, which can reach 15 Km communication range; it can automatically adapt to the frequency band with minimum interference.
- Dual Full HD Image Real-Time Display: Starview SDRO-CTL-MK32 handheld ground station can realize dual video streams synchronous display. It also can realize video sharing by connecting the ground station and monitor with an HDMI cable. Starview SDRO-CTL-MK32 supports both HDMI and Ethernet video input.
- Android 9.0 OS & 4 Gb RAM & 64 Gb ROM: Starview SDRO-CTL-MK32 carries Qualcomm 8-core CPU, which can smoothly decode 1080p 60 FPS video stream by hardware in either H264 or H265 format. With an embedded android system featuring impressive, 4 Gb RAM and 64 Gb ROM, it can efficiently run various ground control software like QGC.
- Dual Operator RC Relay: Two SDRO-CTL-MK32 ground stations can control the same air end.

STARVIEW HANDHELD GROUND CONTROL STATION		
MODEL	SDRO-CTL-MK32	
GROUND STATION SPECIFICATIONS		
Monitor	7-inch LCD touch screen	
Operation System	Android 9 OS	
RAM/ROM	4 Gb/ 64 Gb	
Dimension (W x D x H)	308 x 148 x 72 mm	
Weight	1,440 g	
Battery Capacity & Type	10,200 mAh; 7.4 V 2S Li-ion; 75.48 Wh	
Fast Charging Protocol	PD 30 W	
Charging Time	3.5 hours (30 W PD Charging)	
Battery Life	10 hours	
Working Temperature	-10°C ~ 50°C	
AIR UNIT SPECIFICATIONS		
Signal Output	16 channels of S.BUS, 5 channels of PWM	
Dimension (W x D x H)	70 x 55 x 16 mm	
Weight (Antenna Excluded)	74 g	
Antenna Gain (Standard Omni)	5dBi	
Power Input	11 to 16 V (Expandable to 4S to 18S with BEC)	
Working Temperature	-10°C ~ 50°C	

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STARVIEW SDRO-DC-22/ SDRO-DC-55 LONG-RANGE VIDEO / DATA TRANSMISSION SYSTEM



◆ Description

Starview SDRO-DC-22/ SDRO-DC-55 is a long-range transmission system with video/ data/ SBus signal transmission all-in-one, which features handy, powerful and high integration. The integrated design of the ground side makes it very easy to use.

The transmission distance of SDRO-DC-22 reaches 22 Km, and the transmission distance of SDRO-DC-55 reaches 55 Km. The integrated link makes the UAV operation more concise, and the ground end does not need to set up antenna specially, which shortens the operation preparation time. The good industrial thermal design enables it to meet the needs of industry-grade applications.

◆ Features

- SDRO-DC-22/SDRO-DC-55 have three optional frequency bands: 800 MHz, 1.4 GHz and 2.4 GHz, which can be purchased and used by users according to their needs, and please obey local radio control regulations when using it.
- High Integration: Integrated antenna & Video/ Data transmitter, reduce assembly time and easy use.
- Long Transmission Distance: Used along with ground stations supporting aviation plug connection, can largely improve the transmission distance.

STARVIEW LONG-RANGE VIDEO / DATA TRANSMISSION SYSTEM		
MODEL	SDRO-DC-22	SDRO-DC-55
Transmission Distance	22 Km	55 Km
Modulation Mode	OFDM	
Output Power	30 dBm ±1 dB	33 dBm ±1 dB
Sensitivity	≤ -95	dBm
Speed In The Air	30 Mbps @ 20 MHz	
Video Transmission	1x Ethernet Port	
Data Transmission	2x UART/ 2x SBUS multi-cha	nnel transmission is support
Frequency Modulation	Frequency Hoppin	g/ Fixed Frequency
Working Bandwidth	5/10/20 MHz	
Working Frequency	800 MHz/ 1.4 GHz/ 2.4 GHz	
Working Mode	Air Unit: Point-to-Point; Relay Mode	
Power Input	DC 9 ~ 28 V; 3S ~ 6S Battery	
Working Temperature	-40°C + 70°C	
Weight	1.84 Kg (Ground); 140 g (Air)	
Dimension (W x D x H)	250 x 250 x 80 mm (Grou	nd); 115 x 63 x 22 mm (Air)



STARVIEW SDRO-DROPNAWA CARGO CARRYING BOX

◆ Description

The cargo carrying box is designed for supplies transportation. It is made of carbon fiber material which is light and durable. This cargo carrying box adopting convenient quick-detach design can realize quick assembly in 1 minute. The maxximum payload weight is 2 Kg. UAV equipped with this cargo carrying box can be used for emergency supplies transportation like food, medicine, and other relief materials.

◆ Features

- The cargo carrying box is designed for SDRO-BNAGA quadcoter for supplies transportation.
- Quick-detach Design: Convenient quick-detach design, realize quick installation in 1 minute.
- SDRO-BNAGA equipped with this cargo carrying box can be used for emergency supplies transportation like food, medicine, and other relief materials.

◆ Product Specification

STARVIEW CARGO CARRYING BOX		
MODEL	SDRO-DROPNAWA	
Material	Carbon Fiber	
Dimension (W x D x H)	270 x 180 x 170 mm	
Internal Dimension (W x D x H)	250 x 160 x 150 mm	
Installation Methods	Quick-detach	
Weight	650 g	
Max. Payload	Max. 20 kg, 2 kg (mounted on SDRO-BNAGA)	

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