SIYI

UniRC 7

40km Range Professional Ground Station

40 KM
Transmission

16 CH
Physical

7-Inch
1200 x 800

RC Signal Output:	1 Power Button, 9 Custom Buttons, 6x Flight Mode Buttons 2x Main Joysticks, 1x Sub Joystick 2x Dials, 2x 3-Stage Switches
Communication Range:	Max 40km (test environment)
Monitor:	7-inch, 1280x800, 1600-nit
Antennas:	2 x External (2.4 GHz)
Battery Life:	Approx 11 Hours
Dimensions:	L274 * W190 * H100 mm



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SIYI

UniRC 7 Pro

2.4G & 5.8G 40KM Stable Transmission

40 KM
Transmission

2.4 / 5.8G
Frequency

7-Inch
1920 x 1200

RC Signal Output:	1 Power Button, 9 Custom Buttons, 6x Flight Mode Buttons 2x Main Joysticks, 1x Sub Joystick 2x Dials, 2x 3-Stage Switches
Communication Range:	Max 40km (test environment)
Monitor:	7-inch, 1920x1200, 1600-nit
Antennas:	2 x Internal (5.8 GHz)+2 x External (2.4 GHz)
Battery Life:	Approx 8 Hours
Dimensions:	L274 * W190 * H100 mm



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UniRC 10 Pro

Triple Frequency Professional Ground Station

Triple-Frequency

10.1-Inch
1080P HD

Data Link Interface	UART*2, UDP, Bluetooth (Data Link), Type-C	
External Interfaces	USB-A (defaults to OTG interface, can be set as a reserved serial port interface) Ethernet port (RJ45), HDMI, Type-C (charging, file transfer, firmware upgrade) TF card slot, SIM card slot	
Physical Channels	Button *13, 3-Position Switch *6, Main Joystick *2 Mini Joystick *2, Dial *2, Knob Switch *2	
Bandwidth	10M/20M	
Maximum data transfer rate	65Mbps	
Air Unit Interfaces	(GH1.25 6Pin) Data Link: UART*2 (GH1.25 3Pin) Video & Data: Ethernet Port*2 (GH1.25 8Pin) Firmware Upgrade: TYPE-C	CAN*1 (GH1.25 4Pin) PWM*1 (GH1.25 6Pin) Power Input: XT30



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SIYI

A8 mini

4K 6X Mini Gimabl Camera

4K
Ultra-HD

6x
Digital Zoom

Camera:	6X Digital Zoom, 4K 1/1.7-Inch CMOS 8 MP Effective Resolution
Controllable Yaw Angle:	± 135°
Video Output:	Ethernet, Micro-HDMI, CVBS(AV)
Control Signal Input:	S.Bus、UART、Ethernet UDP
Product Dimension:	55*55*70 mm
Product Weight:	95 g



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SIYI

A2 mini

Ultra-Wide Angle FPV Gimbal

160°
Ultra-wide

1080P
HD FPV

IP65
Protection

Controllable Yaw Angle:	-90 ~ +25°
Camera:	1/2.7-Inch CMOS, 2 MP Effective Resolution
Lens:	Wide Angle, Horizontal 160°
Video Output:	Ethernet
Control Signal Input:	S.Bus, PWM, Ethernet UDP
Product Dimension:	65*43*50 mm
Product Weight:	85 g



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SIYI

Positioning & Orientation RTK

BeiDou, GPS, GLONASS, Galileo, QZSS

Magnetometer:	PNI RM3100
Satellite Systems:	GPS, GLONASS, BeiDou, Galileo, QZSS
Positioning Accuracy:	Horizontal: 0.8 cm + 1 PPM / Vertical: 1.5 cm + 1 PPM
Orientation Accuracy:	Baseline 1 m, Accuracy: 0.2°
Dimensions:	40 x 30.5 x 15 mm
Weight:	22.8 g



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Hall-Sensor Power Module

SIYI

Wide Voltage Detection Mini High-Precision Module

Wide Voltage Detection (7 ~ 100V)

Wide Voltage Input (7 ~ 100V)

High-Precision Hall Current Detection (±0.1A)

Voltage Divider Ratio:	31.303
Voltage Output:	5.35 V (±0.03 V)
Max Current Output:	6 A
Current Detection Accuracy:	±0.1 A
Max Detection Current:	180 A
Wire Hole Diameter:	9 mm
Product Dimensions:	Power Module: 42.5 x 31.5 x 16 mm Hall Sensor: 25 x 25 x 9 mm
Product Weight:	Power Module: 28.6 g Hall Sensor: 9.4 g



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UniPod MT11

Smaller, But Clearer

REEBOT



8K	4800W	11x	165x
Resolution	Effective Pixels	Optical Zoom	Hybrid Zoom

Zoom Camera	1/2-Inch CMOS, 4800W Effective Pixels 4K Video, 8K Photo
Fixed-focal camera	1/2-Inch CMOS, 4800W Effective Pixels 4K Video, 8K Photo
Thermal Camera	**Photo:** Max 2560 x 2048 (AI super-resolution) **Video:** Max 1280 x 1024 (AI super-resolution) Focal Length: 18mm, Aperture: f/1.1 8X Digital Zoom Point to Measure Temperature Full Screen Measurement Selected Area Measurement

Control Signal Input	S.Bus、UART、Ethernet（TCP、UDP）
Video Output	Ethernet
Controllable Yaw Angle	Limitless
Laser Rangefinder	Range: 5-1200 m
Product Dimensions (Including the Quick Release Anti-Vibration Claw)	141.5*141.5*169 mm
Product Dimensions (Without the Quick Release Anti-Vibration Claw)	90*102.5*128 mm
Product Weight (Including the Quick Release Anti-Vibration Claw)	533.5 g
Product Weight (Without the Quick Release Anti-Vibration Claw)	405 g

SIYI

F9P RTK Base Station

Centimeter-Level Four-Satellite RTK System

Satellite Receiver:	184 Channel ZED-F9P (Ublox)
Electronic Compass:	IST8310
Satellite Navigation System:	GPS, GLONASS, BeiDou, Galileo
Dimensions:	47 x 33 x 13 mm
Weight:	31 g
Satellite Bands:	GPS-L1C/A, GPS - L2C, GLONASS - L1OF, GLONASS- L2OF GALILEO - E1B/C, GALILEO- E5b BeiDou - B1I, BeiDou - B2I QZSS - L1C/A, QZSS - L2C



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SIYI

E6 Propulsion System

Stronger Efficacy For Drones with 900mm Wheelbase

6KG
Hover Thrust

7.0G/W
Efficiency Up To

Max Thrust:	12.5 kg
Recommended Takeoff Weight:	3 ~ 6 kg
Recommended Battery:	12~14S LiPo
Compatible Tube Diameter:	30 mm
Compatible Propellers:	Fixed-Pitch: 24 x 9" Folding Propeller: 24 x 9"
Product Weight (without Propellers): ①(When the uniaxial tensile force is 2.5 kg)	715.4 g



Empower and build an intelligent robotic ecosystem

SIYI

E3 Propulsion System

Efficiency redefined. Performance realized.

2.2KG	9.5G/W	0.5-1KG
Maximum Thrust (Signle-aixs)	Recommended Thrust (Signle-aixs)	Recommended Thrust (Signle-aixs)

Maximum Thrust (Signle-aixs)	2.2 kg (16A)
Recommended Thrust (Signle-aixs)	0.5~1 kg
Compatible Drone Wheelbase	600 mm - 700 mm
Voltage Platform	6 S
Signal Protocol	CAN / PWM (5V / 3.3V Compatible)
Ingress Protection	IPX5
Operating Temperature Range	-20~50 ℃



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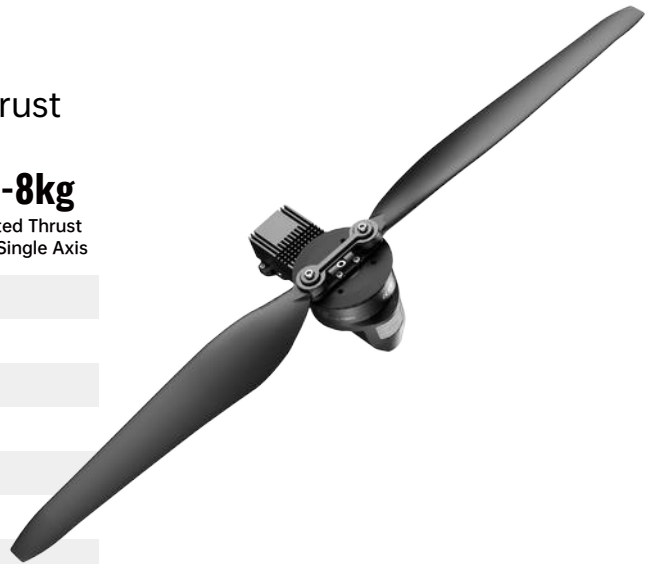
SIYI

E8 Propulsion System

Unmatched Cooling for Ultimate Thrust

32-inch	40mm	10-8g/w	5-8kg
Propeller	Compatible Tube Diameter	Efficiency	Rated Thrust for Single Axis

Maximum Thrus	18.5 kg (Signle-aixs)
Recommended Battery	12-14S LiPo
Cable Length	IPX6
Tube Diameter	960g
Efficiency	1042 w
Rated Input Power	908 w
Rated Output Power	CAN / PWM



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SIYI

UniFC 6 PICO

Pico in Size, Universe the Flight

40g
Smaller & Lighter

STM32H7 Processor

Multi-sensor Redundancy

100Mbps Ethernet

CPU **Frequency / Flash / RAM**	STM32H743IIK6 480MHz / 2M / 1M
IMU	ICM45686+BMI088
Barometer	ICP20100*2
Compass	IST8310
PWM	3.3V / 5V
Interfaces	5x UART Serials, 2x CAN port, 14x PWM output, 1x RC IN (SBUS, PPM), 1x Power Module Input, 1x USB Port (Type-C), 1x TF Card Slot, 1x Ethernet port, 3x I2C
Dimensions / Weight	49x42.6x16.2 mm / 40 g



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SIYI

UniASP L10D

DroneCAN Communication

AUAV-L10D Airspeed Sensor
Dual-Channel Synchronous Sampling

0-227 km/h Measurement
Suitable for Most Platforms

±0.2%FS High Precision
Airspeed Measurement

Ardupilot/PX4
Support open-source protocols

Proccessor	STM32L431
Airspeed Sensor	AUAV-L10D
Range	0-227km/h
Error Band	±0.2%
Protocol	Drone CAN
Operating Voltage	4.5-5.5V
Operating Temperature	-30℃~60℃
Dimensions / Weight	49.4 x 24.4 x 14 mm / 16g



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