



S200 Series UAVs

Industrial Flagship, New Level Application

45min

Flight Time

7000m

Max Take-off Altitude

15km

Image Transmission Range

486mm

Diagonal Distance



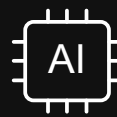
720° Obstacle Avoidance



IP43 Ingress Protection Level



45min Flight Time



AI Smart Recognition

S200 Series UAVs

The powerful power system design, more comprehensive industry application load, ultra-long battery life; equipped with the industry's leading octa-core chip, total computing power of 21T, with powerful visual intelligence AI recognition ability, can achieve cloud-edge-end collaborative work; streamlined body design, compact and portable, with powerful performance.

SPECS

					
S200		S220		S220 PRO	
Dimensions	175×272×130mm (folded) 613×699×133mm (unfolded)	Dimensions	175×272×130mm (folded) 613×699×133mm (unfolded)	Dimensions	175×272×148mm (folded) 613×699×160mm (unfolded)
Diagonal Distance	486mm	Diagonal Distance	486mm	Diagonal Distance	486mm
Weight	1750g	Weight	1750g	Weight	1860g
Max take-off weight	2300g	Max take-off weight	2300g	Max take-off weight	2300g
Max flight time	45min	Max flight time	45min	Max flight time	41min
Max ascent speed	8m/s	Max ascent speed	8m/s	Max ascent speed	8m/s
Max descent speed	6m/s	Max descent speed	6m/s	Max descent speed	6m/s
Max wind speed	12m/s	Max wind speed	12m/s	Max wind speed	12m/s
Max take-off altitude	7000m	Max take-off altitude	7000m	Max take-off altitude	7000m
Communication distance	15km (FCC) 8km (CE/SRRC/MIC)	Communication distance	15km (FCC) 8km (CE/SRRC/MIC)	Communication distance	15km (FCC) 8km (CE/SRRC/MIC)
Wide-angle visible light lens	1/1.49inch CMOS Effective pixel: 50MP	Wide-angle visible light lens	1/1.49inch CMOS Effective pixel: 50MP	Wide-angle visible light lens	1/0.98inch CMOS Effective pixel: 50MP
Telephoto visible light lens	1/2inch CMOS Effective pixel: 48MP Optical zoom: 10X Max hybrid zoom: 160X	Telephoto visible light lens	1/2inch CMOS Effective pixel: 48MP Optical zoom: 10X Max hybrid zoom: 160X	Telephoto visible light lens	1/2inch CMOS Effective pixel: 48MP Optical zoom: 10X Max hybrid zoom: 160X
IP Level	IP43	Thermal lens	640×512@30fps	Thermal lens	1280×1024@30fps
Hovering accuracy (RTK)	Vertical: 1.5 cm + 1ppm Horizontal: 1 cm + 1ppm	IP Level	IP43	Laser ranging	10-1500m
		Hovering accuracy (RTK)	Vertical: 1.5 cm + 1ppm Horizontal: 1 cm + 1ppm	IP Level	IP43
				Hovering accuracy (RTK)	Vertical: 1.5 cm + 1ppm Horizontal: 1 cm + 1ppm

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