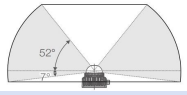





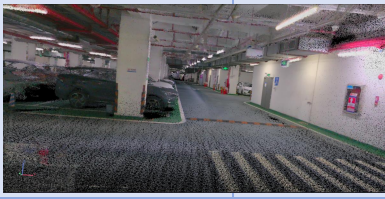
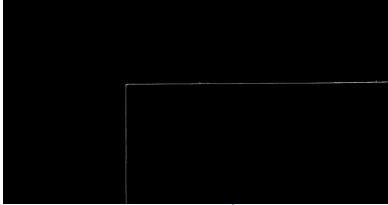
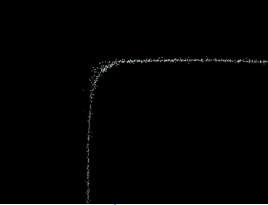

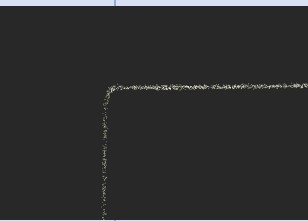


		SHARE S20	FJD P1	Xgrid Lixel K1	Remark
					
LIDAR	Model	Livox Mid-360 Hybrid Solid-State LiDAR			
	Installation	Tilt 25° to the ground	Vertical ground installation	Horizontal ground installation	The S20 makes better use of the LiDAR's FOV, resulting in higher scanning efficiency.
Camera	Lens Number	2	2(optional)	2	
	Sensor Size	13.13*8.76mm: 1 Inch	1/2 Inch	1/2 Inch	A larger sensor gives photos superior image quality and better detail.
	Effective photo pixels	Nominal: 16 MP single lens Actual: 3504*4672 (16.37 MP)	Nominal: 8.3 MP @ 30 fps single lens Actual: 2880*2880 @ 30 fps (8.3 MP, Video only)	Nominal: 48 MP single lens Actual: 4000*3000 (12 MP)	The S20 delivers high-resolution photos as advertised, with superior coloring and modeling
	Shutter	Mechanical shutter&Electronic shutter	Electronic shutter	Electronic shutter	Mechanical shutter provides physical global exposure, preventing the jelly effect while walking.
	FOV	H: 270°; V: 360°	360°	360°	
RTK	Configuration	Standard Equipment	Optional (non-integrated type) RTK and camera cannot operate simultaneously	Optional (non-integrated type)	
	Supported satellite systems	7-Satellite system 24 frequencies			
		BDS: B1I, B2I, B3I, B1C, B2a, B2b GPS: L1C/A, L1C, L2C, L2P(Y), L5 GLONASS: L1, L2, L3 Galileo: E1, E5a, E5b, E6 QZSS: L1C/A, L1C, L2C, L5 NavIC: L5 SRAS: L1C/A	/	/	The S20 features an integrated RTK design, enabling users to obtain point clouds and photos with geographic information with a single click.
	RTK accuracy	H: 0.8cm+1ppm; V: 1.5cm+1ppm			
Others	Release date	2025.04	2023.12	2023.11	
	Weight	1079 g	1kg (excluding camera module & base)	1 kg	The lighter, unibody design, combined with a magnetic phone holder, makes it easy to work with just one hand.
	Working time	150 min	120 min (excluding camera module)	90 min	
	Phone holder	√	x	√	
	Visual- SLAM	√	x	√	Multi-SLAM makes it more stable in scenes with weak textures.
Color	S20				S20 color point clouds are more accurate and more realistic.
	P1				
	K1				
Lane lines	S20				The mechanical shutter allows for more precise colorization, preventing lane lines from misaligning and reducing errors.
	P1				
	K1				

Low-light environment	S20				<p>In low-light conditions, photos taken with the S20's large sensor are brighter, thus reproducing more true colors.</p>
	P1				
	K1				
Filtering	S20			<p>The S20 features excellent filtering algorithms, resulting in thinner point clouds and more accurate corner reproduction.</p>	
	P1				
	K1	