

Parameter table



Model		SCAPE Pro-L OP18-13	SCAPE Pro-XL OP18-14
Basic Parameters	Dimensions (L*W*H)	480*148*65 (mm)	480*148*68 (mm)
	Weight	3.7Kg	3.74Kg
	Base line	400mm	400mm
FOV	Working range	1326~2800mm	1100~3500mm
	Extended Range ¹	2800-4000mm	3500-4900mm
	Near FOV	1100*900mm@1326mm	1050*1000mm@1100mm
	Far FOV	2100*1800mm@2800mm	3200*3100mm@3500mm
	Colour camera	H:65.6/V:51.6	H:75/V:60
Exposure Mode	Grey tone camera	Global shutter	Global shutter
	Colour camera	Rolling Shutter	Rolling Shutter
Accuracy	Z	< 0.1%	< 0.1%
	X/Y	< 0.5%	< 0.5%
Resolution	Depth	1624×1240	1624×1240
	Colour camera	3264*2464	3248*2480
FPS	Depth	up to 1.5fps	up to 1.5fps
RGB-D	Alignment	√	√
Data Output	Depth	√	√
	Point Cloud	wrl、obj、pcd、ply	wrl、obj、pcd、ply
	Grey tone camera	√	√
	Colour camera	√	√
API	C++, C#	C++、C#、Python、Halcon	C++、C#、Python、Halcon
Operation System	WINDOWS	Windows10/11	Windows10/11
	LINUX	Ubuntu 16.04/18.04/20.04	Ubuntu 16.04/18.04/20.04
Hardware Interface	Hirose 8pin	12~30VDC	12~30VDC
	Ethernet	M12 X-CODE, GigE, IEEE1588	M12 X-CODE, GigE, IEEE1588
Indicator	3LED	√	√
Working Environment	Operation	0~40℃	0~40℃
	Storage	-20~70℃	-20~70℃
	Relative Humidity	20%~80%RH	20%~80%RH
	IP	IP65	IP65
Power Supply	Power interface	√	√
	Power input	24V DC, ≥2A	24V DC, ≥2A
	Power consumption	48W	48W
Certification	CE/FCC	√	√
	Laser Safety Class 3R	√	√

1): * Extended range: Good point clouds ca range, but the accuracy is beyond the range of 1/1000

