

Parameter table



Model		SCAPE Pro-M OP18-12	SCAPE Pro-L OP18-13	SCAPE Pro-XL OP18-14
Basic parameters	Dimensions (L*W*H)	280*165*74 (mm)	480*148*65 (mm)	480*148*68 (mm)
	Weight	2.6Kg	3.7Kg	3.74Kg
	Base line	200mm	400mm	400mm
FOV	Working range	969~1573mm	1326~2800mm	1100~3500mm
			2800-4000mm	3500-4900mm
	Near FOV	893mm*676mm@969mm	1186*925mm@1326mm	1145*1023mm@1100mm
	Far FOV	1332mm*1097mm@1573mm	2223*1907mm@2800mm	3643*3249mm@3500mm
Exposure mode	RGB	H:65.6/V:51.6	H:65.6/V:51.6	H:75/V:60
	IR	Global shutter	Global shutter	Global shutter
Accuracy	RGB	Rolling Shutter	Rolling Shutter	Rolling Shutter
	Z	< 0.1%	< 0.1%	< 0.1%
Resolution	X/Y	< 0.5%	< 0.5%	< 0.5%
	Point Z-value	0.67mm@1200mm	1.01mm@1800mm	1.35mm@1800mm
FPS	Depth	1624x1240	1624x1240	1624x1240
	RGB	3264*2464	3264*2464	4032*3040(MAX) 3248*2480
RGB-D	Depth	1~2fps	1~2fps	1~2fps
	RGB	10fps	10fps	10fps
Data Output	Alignment	√	√	√
	Depth	√	√	√
	Point Cloud	wrl, obj, pcd, ply	wrl, obj, pcd, ply	wrl, obj, pcd, ply
	IR	√	√	√
API	RGB	√	√	√
	C++, C#	C++, C#, Python, Halcon	C++, C#, Python, Halcon	C++, C#, Python, Halcon
Operation system	WINDOWS	Windows10/11	Windows10/11	Windows10/11
	LINUX	Ubuntu 16.04/18.04/20.04	Ubuntu 16.04/18.04/20.04	Ubuntu 16.04/18.04/20.04
Hardware interface	Hirose 8pin	12~30VDC	12~30VDC	12~30VDC
	Ethernet	M12 X-CODE, GigE, IEEE1588	M12 X-CODE, GigE, IEEE1588	M12 X-CODE, GigE, IEEE1588
Working environment	Indicator	3LED	√	√
	Operation	0~40°C	0~40°C	0~40°C
	Storage	-20~70°C	-20~70°C	-20~70°C
	Relative Humidity	20%~80%	20%~80%	20%~80%
Power Supply	IP	IP65	IP65	IP65
	Power interface	√	√	√
	Power input	24V DC, ≥2A	24V DC, ≥2A	24V DC, ≥2A
	Power consumption	48W	48W	48W

