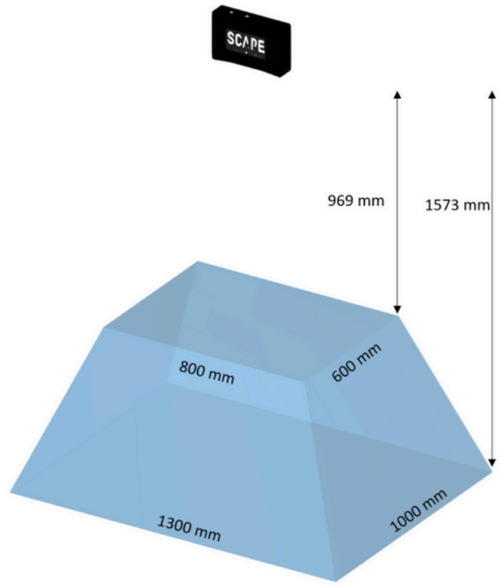
Parameter table

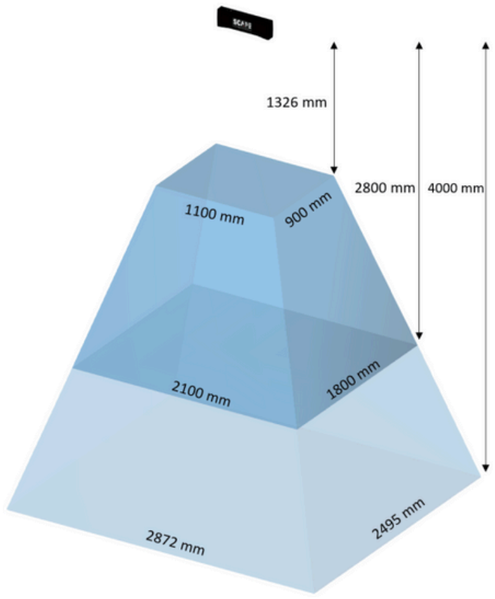
Model		SCAPE Pro C-M OP18-12	SCAPE Pro C-L OP18-13	SCAPE Pro C-XL OP18-14
Basic Parameters	Dimensions (LxWxH)	280x165x74 mm	480x148x65 mm	480x148x68 mm
	Weight	2.6 kg	3.7 kg	3.74 kg
	Baseline	200 mm	400 mm	400 mm
FOV	Working range	969~1573 mm	1326~2800 mm	1100~3500 mm
	Extended Range[3]		2800~4000 mm	3500~4900 mm
	Near FOV	800x600@969 mm	1100x900@1326 mm	1050x1000@1100 mm
	Far FOV	1300x1000@1573 mm	2100x1800@2800 mm	3200x3100@3500 mm
	Color Camera	H:65.6°/V:51.6°	H:65.6°/V:51.6°	H:75°/V:60°
Point to point distance	Point Cloud	0.67@1200 mm	1.01@1800 mm	1.35@1800 mm
Exposure Mode	Depth Camera	Global shutter	Global shutter	Global shutter
	Color Camera	Rolling Shutter	Rolling Shutter	Rolling Shutter
Accuracy	Z	< 0.1%	< 0.1%	< 0.1%
	X/Y	< 0.5%	< 0.5%	< 0.5%
Resolution	Depth Camera	1624x1240 pixels	1624x1240 pixels	1624x1240 pixels
	Color Camera	3264x2464 pixels	3264x2464 pixels	3248x2480 pixels
Acquisition Time	Typical	1.0-2.0s	1.0-2.0s	1.0-2.0s
RGB-D	Alignment	√	√	√
Data Output	Depth Camera	√	√	√
	Point Cloud	wrl、obj、pcd、ply	wrl、obj、pcd、ply	wrl、obj、pcd、ply
	Color Camera	√	√	√
API	C++，C#	C++、C#、Python、Halcon	C++、C#、Python、Halcon	C++、C#、Python、Halcon
Operation System	WINDOWS	Windows 10/11	Windows 10/11	Windows 10/11
	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
Indicator	3 LED	√	√	√
Working Environment	Operation	0~40℃	0~40℃	0~40℃
	Storage	-20~70℃	-20~70℃	-20~70℃
	Relative Humidity	20%~80% RH	20%~80%RH	20%~80%RH
	IP	IP65	IP65	IP65
Power Supply	Power interface	√	√	√
	Power input	24V DC, ≥2A	24V DC, ≥2A	24V DC, ≥2A
	Power consumption	48W	48W	48W
Certification	CE/FCC	√	√	√
	Laser Safety Class 3R	√	√	√

*3): * Extended range: Good point clouds can still be acquired in this working range, but the accuracy decreases compared to the normal "Working range"*

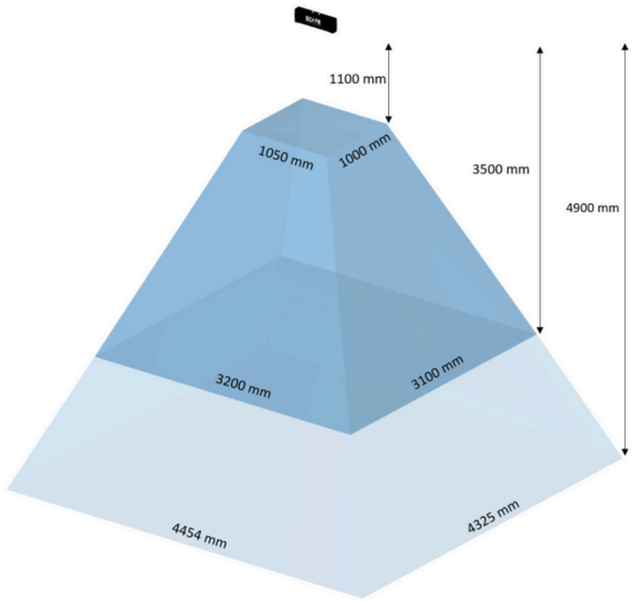
SCAPE Pro C-M



SCAPE Pro C-L



SCAPE Pro C-XL



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