

Parameter table

Model		SCAPE Mini Pro-700 OP13-20
Basic Parameters	Dimensions (L*W*H)	120*100*55 mm
	Weight	0.78 kg
	Base line	80 mm
FOV	Working range	400~700 mm
	Near FOV	400*350@400 mm
	Far FOV	700*600@700 mm
Point to point distance	Point Cloud	0.47@500 mm
Exposure Mode	Depth camera	Global shutter
Accuracy	Z	< 0.1%
	X/Y	< 0.5%
Resolution	Depth camera	1280*1024 pixels
Acquisition time	Typical	0.7~1.1s
Data Output	Depth camera	√
	Point Cloud	wrl、obj、pcd、ply
API	C++, C#	C++, C#、Python、Halcon
Operation System	WINDOWS	Windows10/11
	LINUX	Ubuntu 16.04/18.04/20.04
Hardware Interface	Hirose 8pin	POE IEEE 802.3at
	Ethernet	M12 X-CODE, GigE, IEEE1588
Working Environment	Operation	0~40°C
	Storage	-20~70°C
	Relative Humidity	20%~80% RH
	IP	IP65
Power Supply	Power interface	x
	Power input	POE
	Power consumption	16W

Model		SCAPE Mini Pro C-700 OP13-21	SCAPE Mini Pro C-1000 OP13-22
Basic Parameters	Dimensions (L*W*H)	165*115*49mm	165*115*49mm
	Weight	1.03Kg	1.03Kg
	Base line	125mm	125mm
FOV	Working range	400~700mm	380~1000mm
	Near FOV	400*350@400mm	300*250mm@380mm
	Far FOV	700*620@700mm	650*640mm@1000mm
	Color Camera	H:66°/V:53.6°	H:56.8°/V:44.7°
Point to point distance	Point Cloud	0.47@500mm	0.33@500 mm
Exposure Mode	Depth Camera	Global shutter	Global shutter
	Color Camera	Rolling Shutter	Rolling Shutter
Accuracy	Z	< 0.1%	< 0.1%
	X/Y	< 0.5%	< 0.5%
	Resolution	Depth Camera	1280*1024 pixels
Resolution	Color Camera	3600*2800 pixels	3000*2280 pixels
	Acquisition time	Typical	0.7~1.1s
RGB-D	Typical	√	√
Data Output	Depth Camera	√	√
	Point Cloud	wrl、obj、pcd、ply	wrl、obj、pcd、ply
	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	POE IEEE 802.3at	POE IEEE 802.3at
	Ethernet	M12 X-CODE, GigE, IEEE1588	M12 X-CODE, GigE, IEEE1588
Working Environment	Operation	0~40°C	0~40°C
	Storage	-20~70°C	-20~70°C
	Relative Humidity	20%~80% RH	20%~80% RH
	IP	IP65	IP65
Power Supply	Power interface	x	x
	Power input	POE	POE
	Power consumption	16W	16W

