



SICK
Sensor Intelligence.

2020 SICK Vision



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4006 888 532

西克2D/3D视觉产品线

SensorApps
SICK APP SPACE

- Rack Fine Positioning
- Presence Inspection 2.0
- Label Checker
- Pinspector Prime
- PLOC

2D

简单易用/编程灵活
/功能强大

Inspector
▪ 2D Configurable

InspectorX61x
▪ 2D Config & Program

InspectorX62x
▪ 2D Config & Program

InspectorX63x
▪ 2D Config & Program

InspectorX64x
▪ 2D Config & Program

InspectorX65x
▪ 2D Config & Program

Pico2/ Midi2 Cam
▪ 2D Camera

PC-2D产品线延伸

小视野3D一体机
(Core/Prime/Pro)

大视野3D一体机

Ruler X-Core
(In discussion)
▪ All in one 3D Camera

Ruler X-Prime (Q2)
All in one 3D Camera

Ruler X-Pro
All in one 3D Camera

Q3 2020

Ruler3000
▪ All in one 3D Camera

Ranger3-60
▪ 3D Camera

目标 SI/OEM 提供
量身定做的3D 解
决方案

Q1'20

Ranger3-40
▪ 3D Camera

Ranger3-30
3D Camera

3D Belt Picking
SensasApp

TriSpector1000
▪ 3D Configurable

TriSpector P 1000
▪ 3D Programmable

3D



Easy to use and integrate High performance and flexibility

Recover Business Planning & New Product Promotion Planning, Penney Zheng, SICK GCN

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西克 结构光 & TOF 3D 视觉产品线



Intralogistics, Robot, industrial vehicles



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SICK 分体式3D相机

Ranger3

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型号		Ranger3-60	Ranger3-40	Ranger3-30
订购号P/N		1091560	1105757	1109564
上市日期		2018	2019	2020
性能		Pro	Prime	Core
X像素点数		2560	2560	1536
基准安装高度		灵活配置	灵活配置	灵活配置
X轴测量范围	近	灵活配置	灵活配置	灵活配置
	基准距离	灵活配置	灵活配置	灵活配置
	远	灵活配置	灵活配置	灵活配置
Z轴测量范围		灵活配置	灵活配置	灵活配置
X轴分辨率		灵活配置	灵活配置	灵活配置
Z轴分辨率		灵活配置	灵活配置	灵活配置
激光		灵活配置	灵活配置	灵活配置
扫描帧率/全幅		7kHz	2.5kHz	1.5kHz
扫描帧率/最快		46kHz	20kHz	20kHz

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SICK 一体式3D相机

Ruler X/Ruler XC

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型号	 RulerX 10-Z 	RulerX 20-Z 	RulerX 70-Z 	 RulerXC 10 	 RulerXC 20 	 RulerXC 70 	
	订购号P/N	1112140	1107045	1106973	1112139	1112138	1112137
上市日期	2020	2019	2019	2020	2020	2020	
性能	Pro			Core			
X像素点数	2560	2560	2560	2000	2000	2000	
基准安装高度	65mm	63mm	123mm	65mm	58mm	102mm	
X轴测量范围	近	15mm	23mm	68mm	11.7mm	18.5mm	75mm
	基准距离	15.3mm	24mm	80mm	12mm	19mm	97mm
	远	15.6mm	25mm	92mm	12.2mm	20.5mm	120mm
Z轴测量范围	5.2mm	9.5mm	46mm	5.2mm	9.5mm	63mm	
X轴分辨率	5.8μm~6μm	9μm~10μm	26μm~35μm	5.9μm~6.1μm	9μm~10μm	37μm~60μm	
Z轴分辨率	0.4μm~0.5μm	0.8μm~0.9μm	3μm~5μm	0.4μm~0.5μm	0.7μm~0.9μm	5μm~8μm	
激光	450nm	450nm	450nm	450nm	450nm	450nm	
扫描帧率/全幅	7kHz	7kHz	7kHz	1.5kHz	1.5kHz	1.5kHz	
扫描帧率/最快	46kHz	46kHz	46kHz	20kHz	20kHz	20kHz	

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