专精特新 国家专精特新企业

国家高新技术企业

视觉传感器 AI智能相机

Visual sensor AI Smart camera

源头厂家



操作简单
一分钟搞定

IT'S EASY TO OPERATE AND
CAN BE DONE IN JUST ONE MINUTE.

Linux操作系统
稳定可靠

THE LINUX OPERATING
SYSTEM IS STABLE AND RELIABLE.

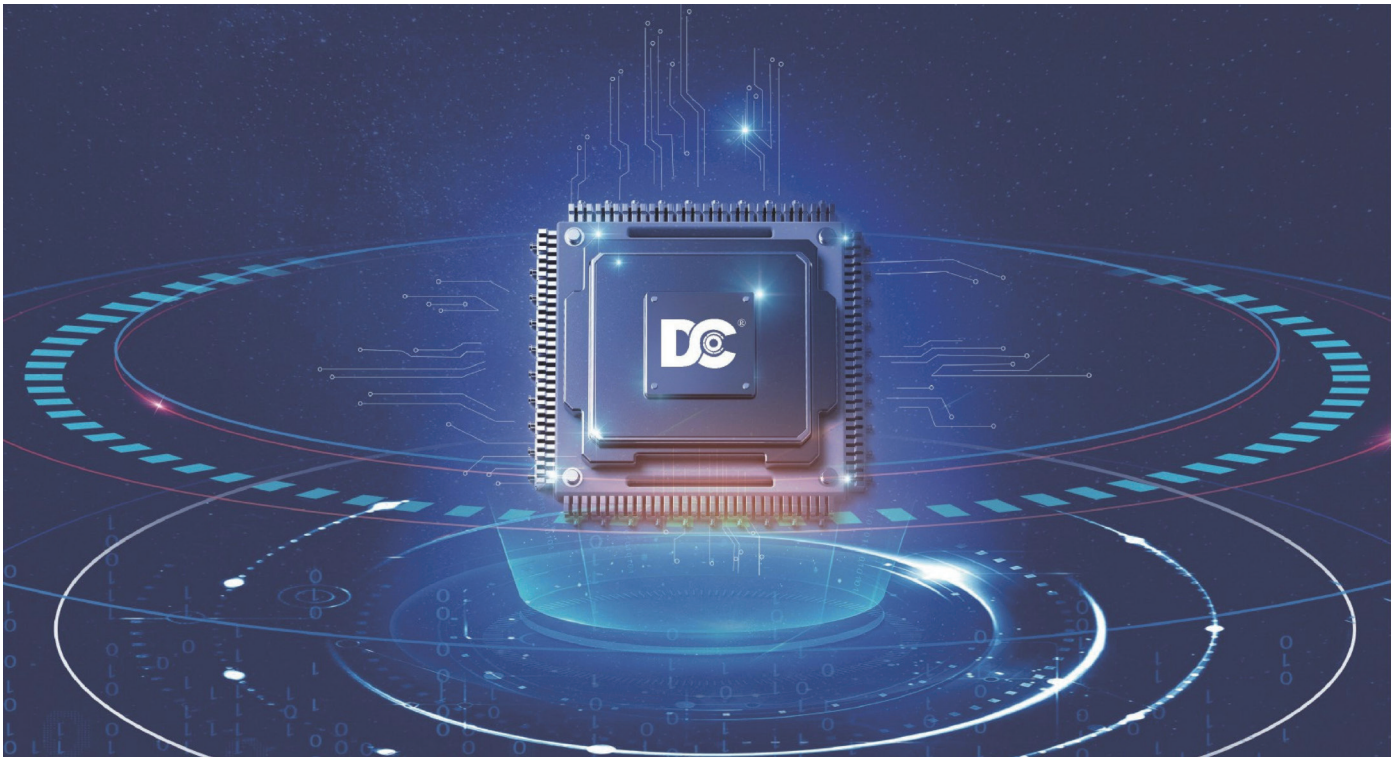
超高性价比
降低使用成本

ULTRA-HIGH COST PERFORMANCE
REDUCES THE COST OF USE.

自动化**机器视觉核心产品**供应商

SUPPLIER OF CORE PRODUCTS FOR AUTOMATED MACHINE VISION.

www.dcjdkj.com 搜索



公司简介 | ABOUT US

公司定位于自动化**机器视觉核心产品**供应商，专注于嵌入式硬件技术、底层算法软件，致力于产品标准化，操作简单化，以及批量生产带来的成本优势，推动机器视觉在自动化领域的快速普及。产品广泛应用于3C、电子半导体、物流等工业自动化领域。实现测量、缺陷检测、定位引导读码、OCR识别等多种应用。

Vision is focused on being a core supplier of automated machine vision products. We concentrate on embedded hardware technology and foundational algorithm software, aiming for product standardization, simplified operation, and cost advantages from mass production. This helps promote the rapid adoption of machine vision in the automation field. Our products are widely used in industrial automation sectors like 3C,electronics semiconductors, and logistics, enabling a variety of applications such as measurement, defect detection, positioning guidance, barcode reading, and OCR recognition.

公司主营产品

- DC-080 AI系列 智能相机 — DC-080 AI Series Intelligent Cameras
- DC-100系列 视觉传感器 — DC-100 Series Visual Sensors
- DC-200系列 视觉传感器 — DC-200 Series Visual Sensors
- DC-200AI-M系列 智能相机 — DC-200AI-M Series Intelligent Cameras
- DC-200AI-C系列 智能相机 — DC-200AI-C Series Intelligent Cameras

COMPANY HONOR | 公司荣誉







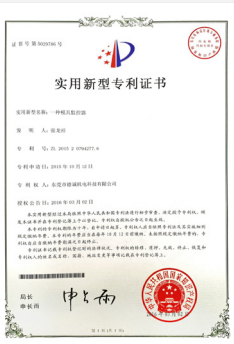
















DC-080系列
AI 智能相机 | AI SMART CAMERA



性能特点 PERFORMANCE

1、采用嵌入式硬件平台，运行稳定，速度快
- It adopts an embedded hardware platform, which operates stably and at a high speed.

2、内置视觉算法，可实现正反，有无，尺寸，颜色识别，位置等检测
- It has built-in visual algorithms that can achieve detections such as front and back, presence or absence, size, color recognition, and position.

3、搭载四核高性能ARM处理器
- Equipped with a quad-core high-performance ARM processor.

4、2GB DDR4内存
- 2GB DDR4 memory

5、16GB EMMC存储器
- 2GB DDR4 memory

6、1路RS232/1路千兆以太网
- 1-channel RS232 / 1-channel Gigabit Ethernet

7、LVDS/USB2.0
- LVDS (Low-Voltage Differential Signaling) / USB2.0 (Universal Serial Bus 2.0)

8、1路输入/3路输出，带光耦隔离
- 1-channel input / 3-channel output, with optocoupler isolation.

9、丰富的状态指示灯，用于安装调试和状态显示
- There are abundant status indicator lights, which are used for installation, debugging and status display.

10、内置M12镜头，支持机械调焦，便于现场调试
- It has a built-in M12 lens and supports mechanical focusing, which is convenient for on-site debugging.

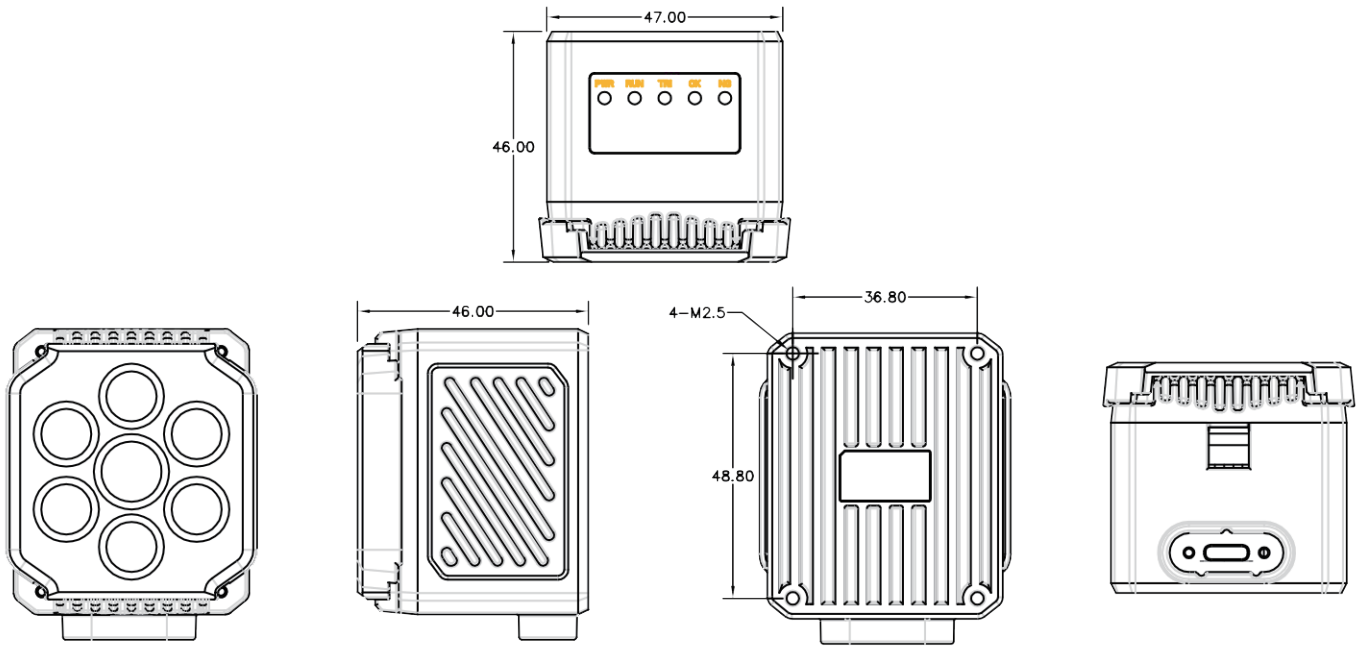
11、内置光源，支持频闪
- Built-in light source, supporting stroboscopic function.

12、IP67防护，适应恶劣的工业环境
- With an IP67 protection rating, it is suitable for harsh industrial environments.

技术参数 TECHNICAL PARAMTERS

参数 Parameters / 型号 Parameters	DC-080SC003C1G-04(彩色) (colour)	DC-080SC003C1G-08(彩色) (colour)	DC-080SC003C1G-16(彩色) (colour)	DC-080SC013C1G-08(彩色) (colour)	DC-080SC013C1G-16(彩色) (colour)
算法功能 Algorithm functions	内置视觉算法，带AI模型学习，可实现正反、方向，有无、尺寸、位置、颜色识别等检测 It has built-in visual algorithms and comes with AI model learning, which can achieve detections such as recognizing the front and back, direction, presence or absence, size, position and color.				
分辨率 Definition	640*480	640*480	640*480	1280*960	1280*960
最大帧率 Maximum frame rate	120fps	120fps	120fps	60fps	60fps
系统架构 System architecture	ARM 2GHz 四核处理器 Quad-core ARM processor running at 2GHz.				
内存 RAM	2GB DDR4				
存储器 Memory	32GB EMMC				
数字I/O Digital I/O	数字I/O接口，1路光耦隔离的GPI输入，3路光隔离的GPO输出，1路RS232串口 Digital I/O interface, with 1 channel of optocoupler-isolated GPI (General Purpose Input) input, 3 channels of optocoupler-isolated GPO (General Purpose Output) output, and 1 channel of RS232 serial port.				
视频输出 Video output	LVDS接口 LVDS interface				
USB	1路USB2.0 One channel of USB2.0				
供电 Power feeding	DC 24V				
功耗 Power consumption	12W				
镜头接口 Lens mount	M12 机械对焦 M12 mechanical focusing				
光源 Light source	内置光源 Built-in light source				
IP等级 IP rating	IP67				
环境温度 Ambient temperature	0-50℃				
环境湿度 Ambient humidity	20%~95%PH无冷凝 20%~95% RH Relative Humidity				

产品尺寸 PRODUCT SIZE



DC-100系列
视觉传感器 | VISION CAMERA



性能特点 PERFORMANCE

1、采用嵌入式硬件平台，运行稳定，速度快
- It adopts an embedded hardware platform, which operates stably and at a high speed.

2、内置视觉算法，可实现正反，有无，尺寸，颜色识别，位置等检测
- It has built-in visual algorithms that can achieve detections such as front and back, presence or absence, size, color recognition, and position.

3、搭载四核高性能ARM处理器
- Equipped with a quad-core high-performance ARM processor.

4、2GB DDR4内存
- 2GB DDR4 memory

5、16GB EMMC存储器
- 2GB DDR4 memory

6、1路RS232/1路千兆以太网
- 1-channel RS232 / 1-channel Gigabit Ethernet

7、HDMI/USB2.0
- HDMI (High-Definition Multimedia Interface) / USB2.0 (Universal Serial Bus 2.0)

8、1路输入/3路输出，带光耦隔离
- 1-channel input / 3-channel output, with optocoupler isolation.

9、丰富的状态指示灯，用于安装调试和状态显示
- There are abundant status indicator lights, which are used for installation, debugging and status display.

10、内置M12镜头，支持机械调焦，便于现场调试
- It has a built-in M12 lens and supports mechanical focusing, which is convenient for on-site debugging.

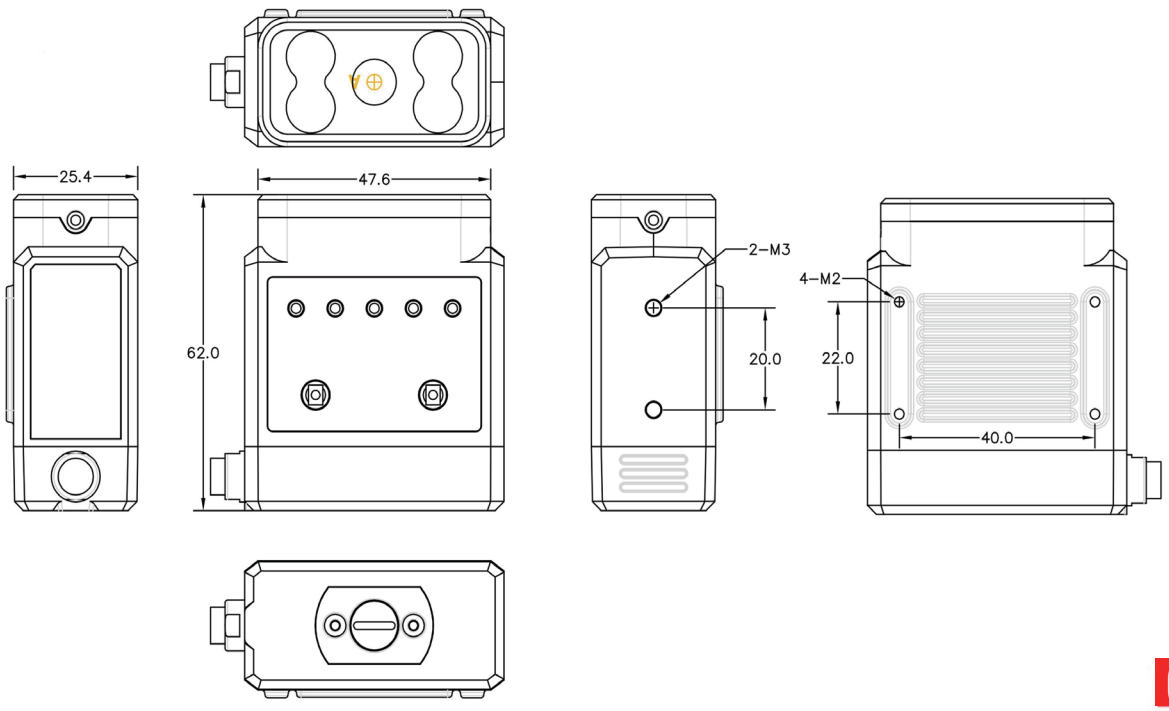
11、内置光源，支持频闪
- Built-in light source, supporting stroboscopic function.

12、IP67防护，适应恶劣的工业环境
- With an IP67 protection rating, it is suitable for harsh industrial environments.

技术参数 TECHNICAL PARAMTERS

参数 Parameters / 型号 Parameters	DC-100SC013M1G-12(黑白) (black and white)	DC-100SC003C1G-12(彩色) (colour)
算法功能 Algorithm functions	内置视觉算法，可实现正反、方向，有无、尺寸、位置、颜色识别等检测 Built-in visual algorithms can achieve detections such as identifying the front and back sides, directions, presence or absence, sizes, positions, and colors.	
像素尺寸 Pixel size	4.0um*4.0um	4.0um*4.0um
分辨率 Definition	1280*960	640*480
最大帧率 Maximum frame rate	120fps	60fps
系统架构 System architecture	ARM Cortex A55 2GHz 四核处理器 Quad-core ARM Cortex-A55 processor running at 2GHz	
内存 RAM	2GB DDR4	
存储器 Memory	16GB EMMC	
数字I/O Digital I/O	数字I/O接口，1路光耦隔离的GPI输入，3路光隔离的GPO输出，1路RS232串口 Digital I/O interface, with 1 channel of optocoupler-isolated GPI (General Purpose Input) input, 3 channels of optocoupler-isolated GPO (General Purpose Output) output, and 1 channel of RS232 serial port.	
视频输出 Video output	LVDS接口 LVDS interface	
USB	1路USB2.0 One channel of USB2.0	
供电 Power feeding	DC 24V	
功耗 Power consumption	12W	
镜头接口 Lens mount	M12 机械对焦 M12 mechanical focusing	
光源 Light source	内置光源 Built-in light source	
IP等级 IP rating	IP67	
环境温度 Ambient temperature	0-50℃	
环境湿度 Ambient humidity	20%~95%PH无冷凝 20%~95% RH Relative Humidity	

产品尺寸 PRODUCT SIZE



DC-200系列
视觉传感器 | VISION CAMERA



性能特点 PERFORMANCE

1、采用嵌入式硬件平台，运行稳定，速度快
- It adopts an embedded hardware platform, which operates stably and at a high speed.

2、内置视觉算法，可实现正反，有无，尺寸，颜色识别，位置等检测
- It has built-in visual algorithms that can achieve detections such as front and back, presence or absence, size, color recognition, and position.

3、搭载四核高性能ARM处理器
- Equipped with a quad-core high-performance ARM processor.

4、2GB DDR4内存
- 2GB DDR4 memory

5、16GB EMMC存储器
- 2GB DDR4 memory

6、1路RS232/1路千兆以太网
- 1-channel RS232 / 1-channel Gigabit Ethernet

7、LVDS/USB2.0
- LVDS (High-Definition Multimedia Interface) / USB2.0 (Universal Serial Bus 2.0)

8、2路输入/5路输出，带光耦隔离
- 2-channel input / 5-channel output, with optocoupler isolation.

9、丰富的状态指示灯，用于安装调试和状态显示
- There are abundant status indicator lights, which are used for installation, debugging and status display.

10、内置M12镜头，支持机械调焦，便于现场调试
- It has a built-in M12 lens and supports mechanical focusing, which is convenient for on-site debugging.

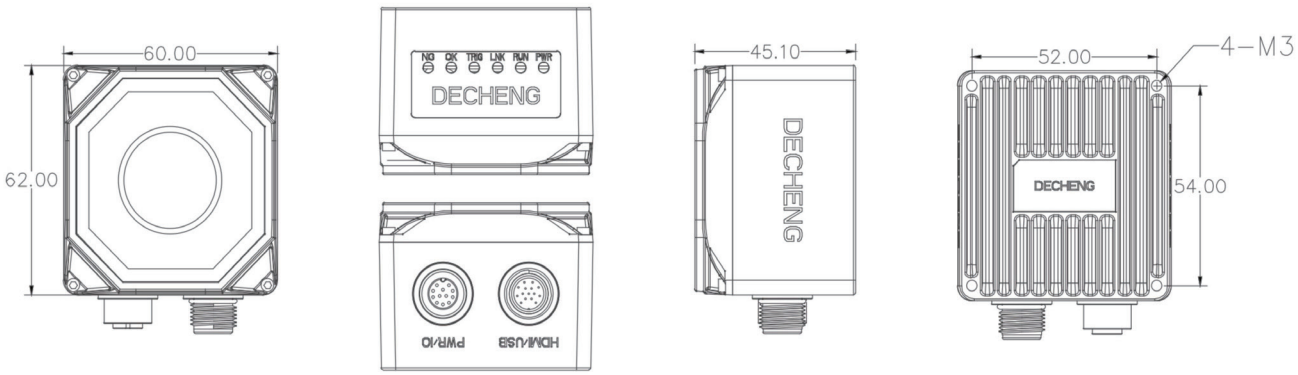
11、内置光源，支持频闪
- Built-in light source, supporting stroboscopic function.

12、IP67防护，适应恶劣的工业环境
- With an IP67 protection rating, it is suitable for harsh industrial environments.

技术参数 TECHNICAL PARAMTERS

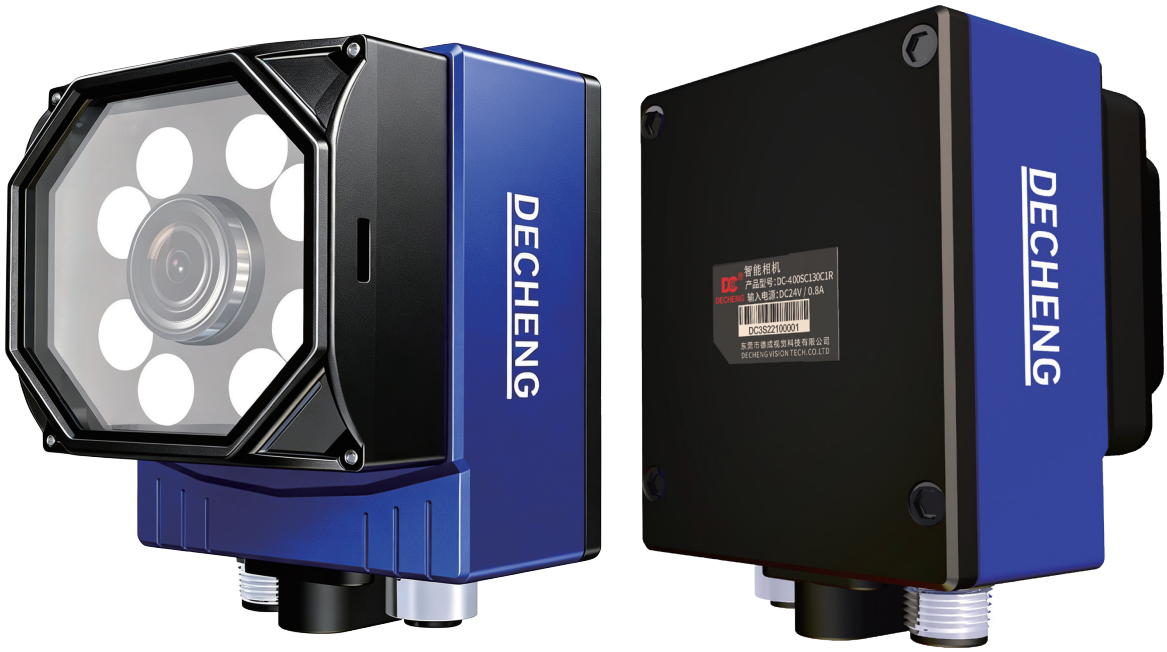
参数 Parameters / 型号 Parameters	DC-200SC013C1G-16(标准型) (Standard type)	DC-200SC013C1G-08(广视野型) (Wide-view type)
算法功能 Algorithm functions	内置视觉算法，可实现正反、方向，有无、尺寸、位置、颜色识别等检测 Built-in visual algorithms can achieve detections such as identifying the front and back sides, directions, presence or absence, sizes, positions, and colors.	
像素尺寸 Pixel size	4.0um*4.0um	4.0um*4.0um
分辨率 Definition	1280*1024	1280*1024
最大帧率 Maximum frame rate	120fps	120fps
系统架构 System architecture	ARM Cortex A55 2GHz 四核处理器 Quad-core ARM Cortex-A55 processor running at 2GHz.	
内存 RAM	2GB DDR4	
存储器 Memory	16GB EMMC	
网络 Internet	RTL8211F千兆以太网 RTL8211F Gigabit Ethernet	
数字I/O Digital I/O	数字I/O接口，2路光耦隔离的GPI输入，5路光隔离的GPO输出，1路RS232串口 Digital I/O interface, with 2 channel of optocoupler-isolated GPI (General Purpose Input) input, 5 channels of optocoupler-isolated GPO (General Purpose Output) output, and 1 channel of RS232 serial port.	
视频输出 Video output	LVDS接口 LVDS interface	
USB	1路USB2.0 One channel of USB2.0	
供电 Power feeding	DC 24V	
功耗 Power consumption	12W	
镜头接口 Lens mount	M12 机械对焦 M12 mechanical focusing	
光源 Light source	内置光源 Built-in light source	
IP等级 IP rating	IP67	
环境温度 Ambient temperature	0-50℃	
环境湿度 Ambient humidity	20%~95%PH无冷凝 20%~95% RH Relative Humidity	

产品尺寸 PRODUCT SIZE



DC-200AI-M系列

AI智能相机 | AI SMART CAMERA



性能特点 PERFORMANCE

1、采用嵌入式硬件平台，运行稳定，速度快
- It adopts an embedded hardware platform, which operates stably and at a high speed.

2、内置视觉算法，可实现正反，有无，尺寸，颜色识别，位置等检测
- It has built-in visual algorithms that can achieve detections such as front and back, presence or absence, size, color recognition, and position.

3、搭载四核高性能ARM处理器
- Equipped with a quad-core high-performance ARM processor.

4、4GB DDR4内存
- 4GB DDR4 memory

5、32GB EMMC存储器
- 32GB EMMC

6、1路RS232/1路千兆以太网
- 1-channel RS232 / 1-channel Gigabit Ethernet

7、LVDS/USB2.0
- HDMI (High-Definition Multimedia Interface) / USB2.0 (Universal Serial Bus 2.0)

8、4路输入/8路输出，带光耦隔离
- 4-channel input / 8-channel output, with optocoupler isolation.

9、丰富的状态指示灯，用于安装调试和状态显示
- There are abundant status indicator lights, which are used for installation, debugging and status display.

10、内置M12镜头，支持机械调焦，便于现场调试
- It has a built-in M12 lens and supports mechanical focusing, which is convenient for on-site debugging.

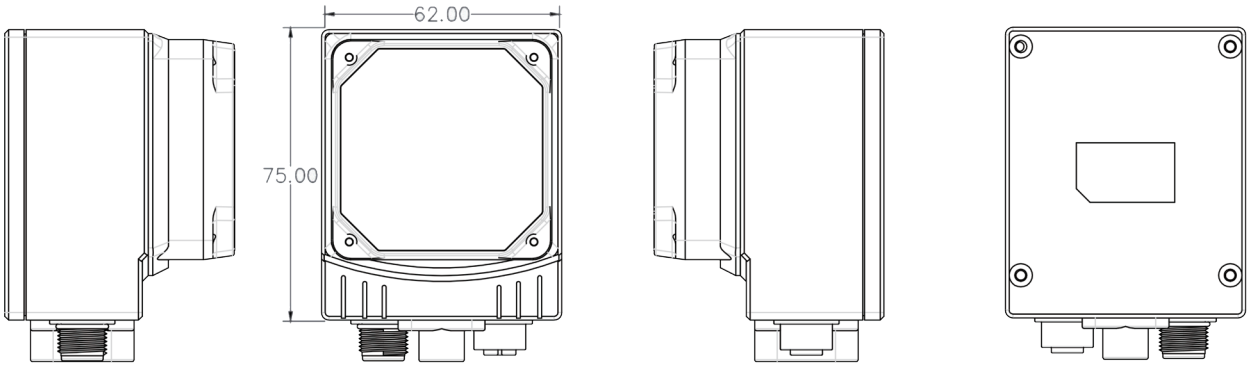
11、内置光源，支持频闪
- Built-in light source, supporting stroboscopic function.

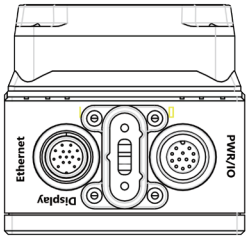
12、IP67防护，适应恶劣的工业环境
- With an IP67 protection rating, it is suitable for harsh industrial environments.

技术参数 TECHNICAL PARAMTERS

参数 Parameters / 型号 Parameters	DC-200AI003C1GM-08/16(彩色) (colour)	DC-200AI013C1GM-08/16(彩色) (colour)
算法功能 Algorithm functions	内置视觉算法，可实现正反、方向，有无、尺寸、位置、颜色识别等检测 Built-in visual algorithms can achieve detections such as identifying the front and back sides, directions, presence or absence, sizes, positions, and colors.	
像素尺寸 Pixel size	4.0um*4.0um	4.0um*4.0um
分辨率 Resolution	640*480	1280*960
最大帧率 Maximum frame rate	180fps	240fps
系统架构 System architecture	ARM Cortex A55 2GHz 四核处理器 Quad-core ARM Cortex A55 2GHz processor	
内存 RAM	4GB DDR4	
存储器 Memory	32GB EMMC	
网络 Internet	RTL8211F千兆以太网 RTL8211F Gigabit Ethernet	
数字I/O Digital I/O	数字I/O接口，4路光耦隔离的GPI输入，8路光隔离的GPO输出，1路RS232串口 Digital I/O interface, with 2 channels of optocoupler-isolated GPI (General Purpose Input) inputs, 5 channels of optocoupler-isolated GPO (General Purpose Output) outputs, and 1 channel of RS232 serial port.	
视频输出 Video output	LVDS接口 HDMI interface	
USB	1路USB2.0 One channel of USB2.0	
供电 Power feeding	DC 24V	
功耗 Power consumption	12W	
镜头接口 Lens mount	M12-8mm/ M12-16mm	M12-8mm/ M12-16mm
光源 Light source	内置光源 Built-in light source	
IP等级 IP rating	IP67	
环境温度 Ambient temperature	0-50℃	
环境湿度 Ambient humidity	20%~95%PH无冷凝 20% to 95% RH Relative Humidity	

产品尺寸 PRODUCT SIZE





DC-200AI-C系列

AI 智能相机 | AI SMART CAMERA



性能特点 PERFORMANCE

1、采用嵌入式硬件平台，运行稳定，速度快
- It adopts an embedded hardware platform, which operates stably and at a high speed.

2、内置视觉算法，可实现正反，有无，尺寸，颜色识别，位置等检测
- It has built-in visual algorithm software independently developed by Decheng, which supports multiple functions such as defect detection, dimension measurement, positioning guidance, code reading, and OCR recognition.

3、搭载八核高性能ARM处理器
- Equipped with an octa-core high-performance ARM processor.

4、4GB DDR4内存
- 4GB DDR4 memory

5、32GB EMMC存储器
- 32GB EMMC memory

6、1路RS232/1路千兆以太网
- 1-channel RS232 / 1-channel Gigabit Ethernet

7、LVDS/USB2.0
- LVDS (High-Definition Multimedia Interface) / USB2.0 (Universal Serial Bus 2.0)

8、4路输入/8路输出，带光耦隔离
- 2channel input / 5-channel output, with optocoupler isolation.

9、丰富的状态指示灯，用于安装调试和状态显示
- There are abundant status indicator lights, which are used for installation, debugging and status display.

10、C口镜头
- Lens with a C-mount.

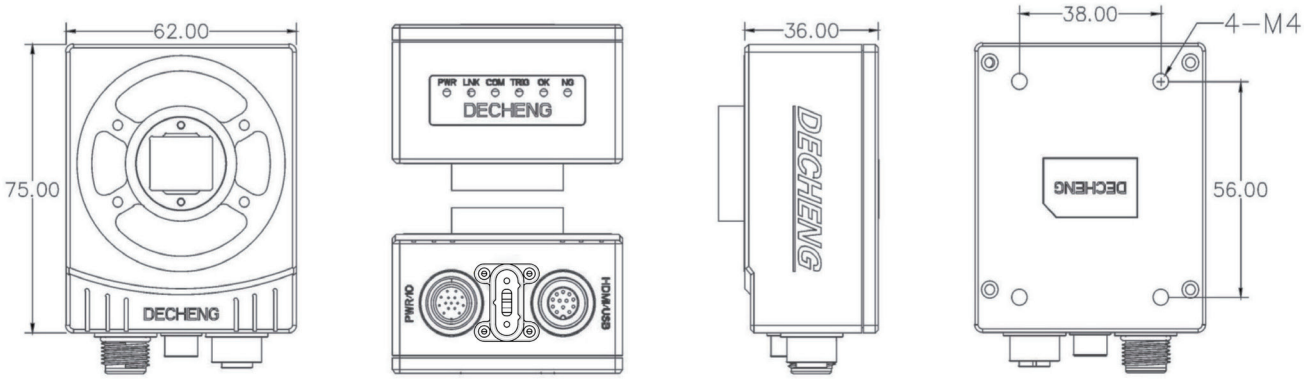
11、支持单帧/多帧/连续多种触发模式
- It supports multiple trigger modes including single-frame, multi-frame and continuous.

12、IP67防护，适应恶劣的工业环境
- With an IP67 protection rating, it is suitable for harsh industrial environments.

技术参数 TECHNICAL PARAMTERS

参数 Parameters / 型号 Parameters	DC-200AI130C1GC(彩色) (colour)	DC-200AI003C1GC(彩色) (colour)
算法功能 Algorithm functions	内置德成自主开发的视觉算法软件，支持缺陷检测、尺寸测量、定位引导、读码、OCR识别等多种功能 It supports multiple functions such as defect detection, dimension measurement, positioning guidance, code reading, and OCR recognition.	
像素尺寸 Pixel size	2.4um*2.4um	4.0um*4.0um
分辨率 Resolution	1280*960	640*480
最大帧率 Maximum frame rate	240fps	180fps
系统架构 System architecture	ARM Corter 8核 2.4GHz 八核处理器 ARM Cortex 8-core 2.4GHz octa-core processor	
内存 RAM	4GB DDR4	
存储器 Memory	32GB EMMC	
网络 Internet	RTL8211F千兆以太网 RTL8211F Gigabit Ethernet	
数字I/O Digital I/O	数字I/O接口，4路光耦隔离的GPI输入，8路光隔离的GPO输出，1路RS232串口 Digital I/O interface, with 2 channels of optocoupler-isolated GPI (General Purpose Input) inputs, 5 channels of optocoupler-isolated GPO (General Purpose Output) outputs, and 1 channel of RS232 serial port.	
视频输出 Video output	LVDS接口 LVDS interface	
USB	1路USB2.0 One channel of USB2.0	
供电 Power feeding	DC 24V	
功耗 Power consumption	12W	
镜头接口 Lens mount	C-type	
光源 Light source	外置光源 External light source	
IP等级 IP rating	IP67	
环境温度 Ambient temperature	0-50℃	
环境湿度 Ambient humidity	20%~95%PH无冷凝 20% to 95% RH Relative Humidity	

产品尺寸 PRODUCT SIZE



DC-TS60
触摸面板
TOUCH PANEL





DC100系列视觉传感器
DC100 VISION INTELLIGENT CAMERA

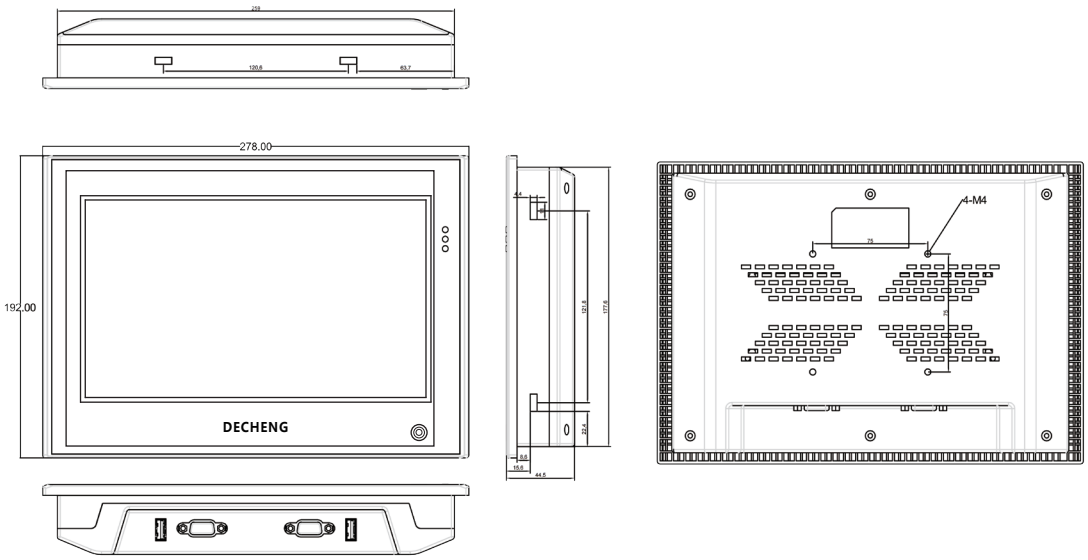


DC200系列视觉传感器
DC100 VISION INTELLIGENT CAMERA

技术参数 TECHNICAL PARAMTERS

型　号 Parameters	参　数 parameter
类型 Type	DC-TS60
适用相机 Applicable cameras	DC100视觉传感器/DC200视觉传感器/DC300智能相机 DC100 vision sensor / DC200 vision sensor / DC300 intelligent camera
面板尺寸 Panel size	10.1英寸 10.1 inches
分辨率 Resolution	1024*600
指示灯 Indicator light	PWR/CH1/CH2
接口 Interface	HDMI/USB
支持相机数量 The number of cameras.	1或2 One or two
触摸方式 Touch mode	电阻 resistance
电压 Voltage	DC24V
电流 Current	<0.2A
环境温度 Ambient temperature	0-50℃
防护等级 Protection level	IP40
开孔尺寸 Cutout size	260.2mm X 179.8mm
重量 Weight	450g
环境湿度 Ambient humidity	20%~95%PH无冷凝 20% to 95% RH (Relative Humidity), non-condensing.

产品尺寸 PRODUCT SIZE



DCTS-60A
触摸面板
TOUCH PANEL





DC080AI系列智能相机
DC080 AI SERIES INTELLIGENT CAMERA

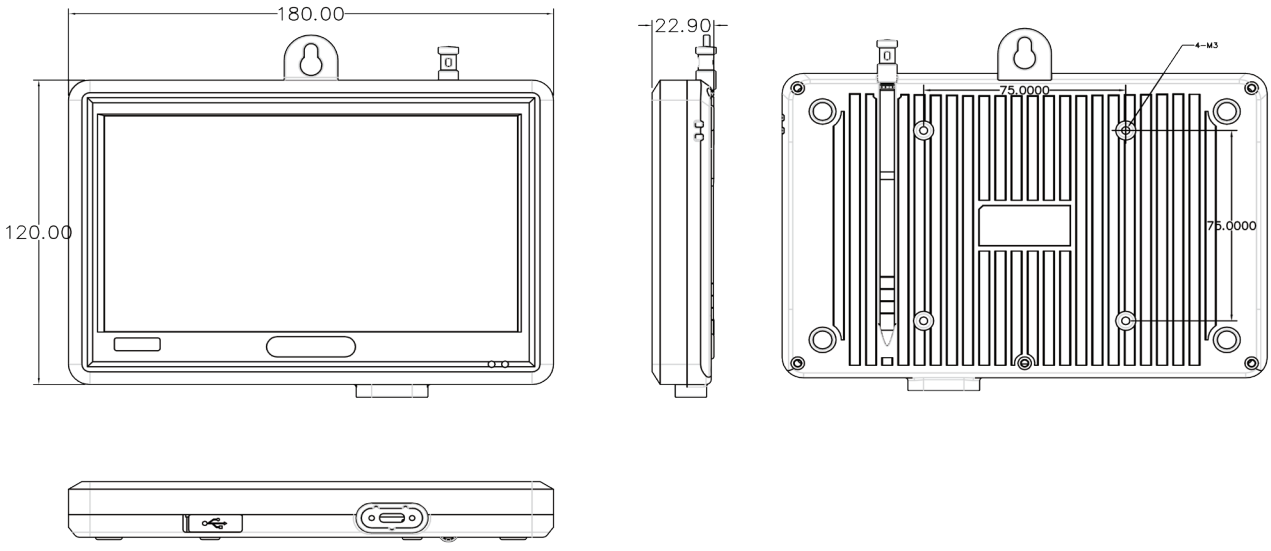
DC200AI-M系列智能相机
DC400M AI SERIES INTELLIGENT CAMERA

DC200AI-C系列智能相机
DC400C AI SERIES INTELLIGENT CAMERA

技术参数 TECHNICAL PARAMTERS

型　号 Parameters	参　数 parameter
类型 Type	DCTS-60A
适用相机 Applicable cameras	DC080 AI智能相机 DC200M AI智能相机 DC200C AI智能相机 DC080 AI Intelligent Camera DC200M AI Intelligent Camera DC200C AI Intelligent Camera
面板尺寸 Panel size	7英寸 7 inches
分辨率 Resolution	1024*600
指示灯 Indicator light	PWR/触摸显示灯 PWR/Touch display light
接口 Interface	LVDS/USB
触摸方式 Touch mode	电阻 Resistance
电压 Voltage	DC12V
功率 Power	5W
环境温度 Ambient temperature	0-50℃
防护等级 Protection level	IP40
开孔尺寸 Cutout size	260.2mm X 179.8mm
重量 Weight	450g
环境湿度 Ambient humidity	20%~95%PH无冷凝 20% to 95% RH (Relative Humidity), non-condensing.

产品尺寸 PRODUCT SIZE



标准模式
STANDARD MODE

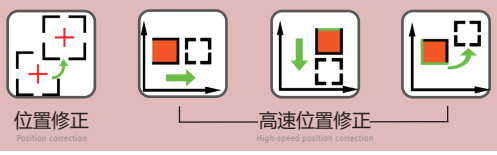
丰富的检测工具，操作简单，用途广泛。RINH DETECTION TOOLS SIMPLE OPERATION WIDELY USED



工具 Tool

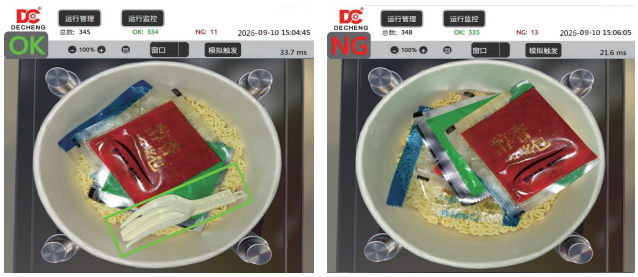


位置修正工具 Position correction tool

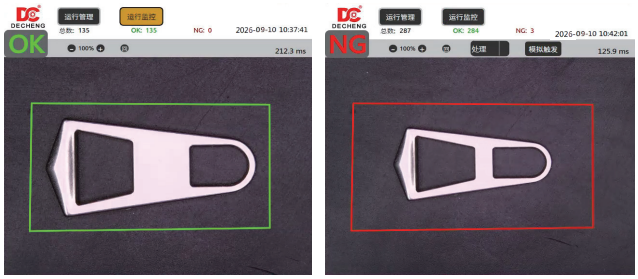


经典案例
CLASSIC CASES

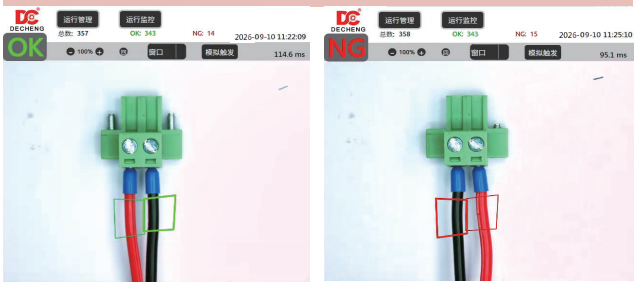
AI学习 AI LEARNING



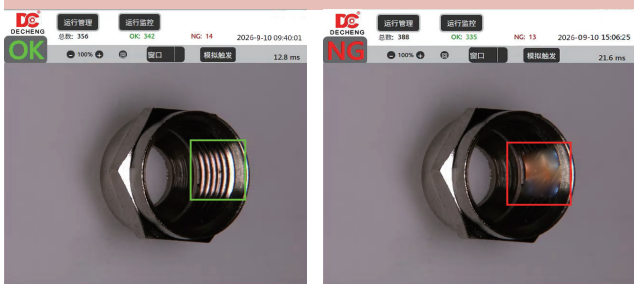
轮廓 OUTLINE



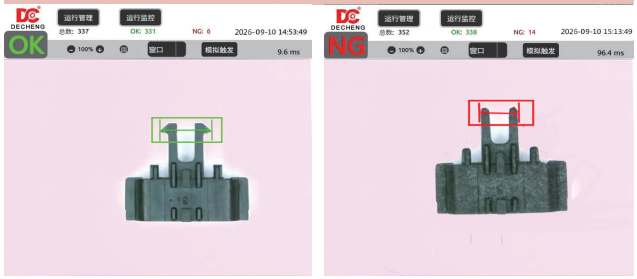
颜色面积 COLOR AREA



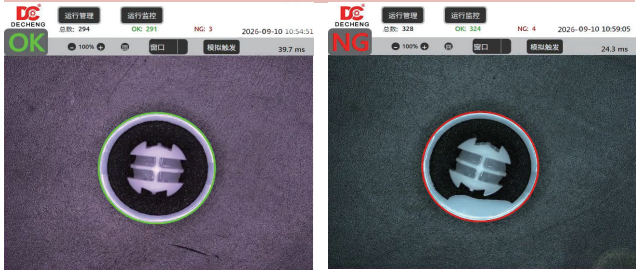
有无 FEATURE EXIST



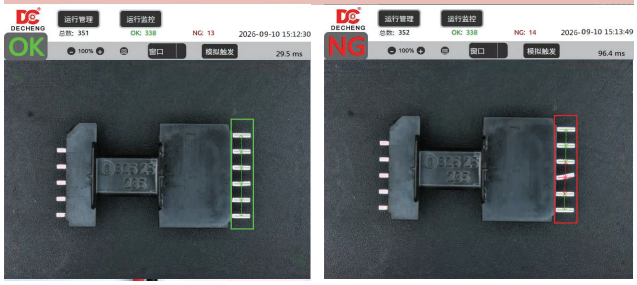
宽度 WIDTH



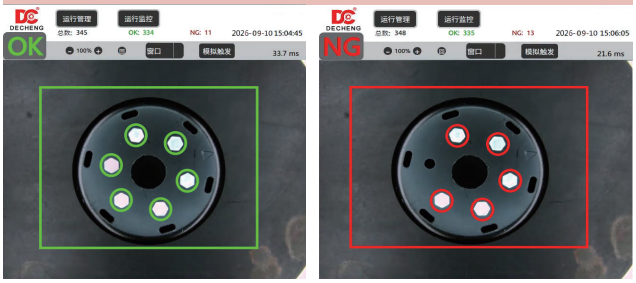
灰度面积 GRAYSCALE AREA



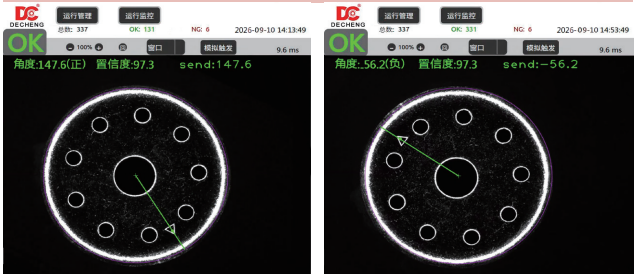
节距 PITCH



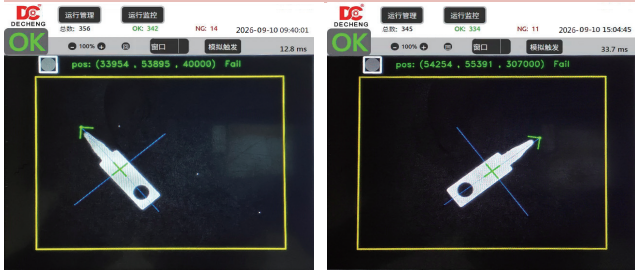
计数 COUNTING



角度 ANGLE



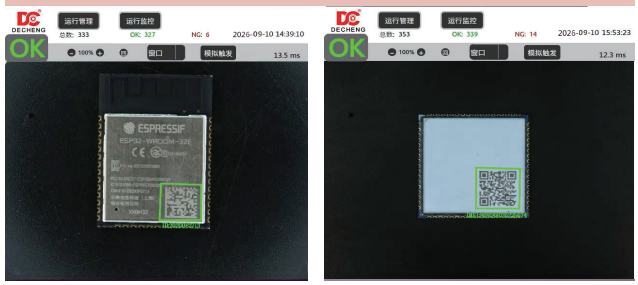
目标定位 TARGET LOCATION



字符(OCR) CHARACTER(OCR)



读码 CODE RECOGNITION



微信公众号
WeChat official account

微信好友
WeChat friends

咨询电话

138 0245 3149

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