

SMART CAMERA

KCSystem

www.kcsystemtech.com



KCDC-300

Mono / Color

Resolution : 1280x1024

Maximum frame rate : 60 Fps

Monitor : Touch screen 10.1"



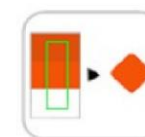
Contour



Gray area



Color area



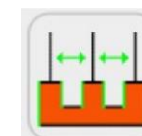
Color identify



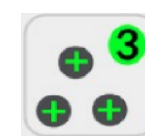
Width



Diameter



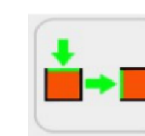
Pitch



Count



Angle Position



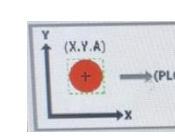
Feature Exist



OCR



Code



Location

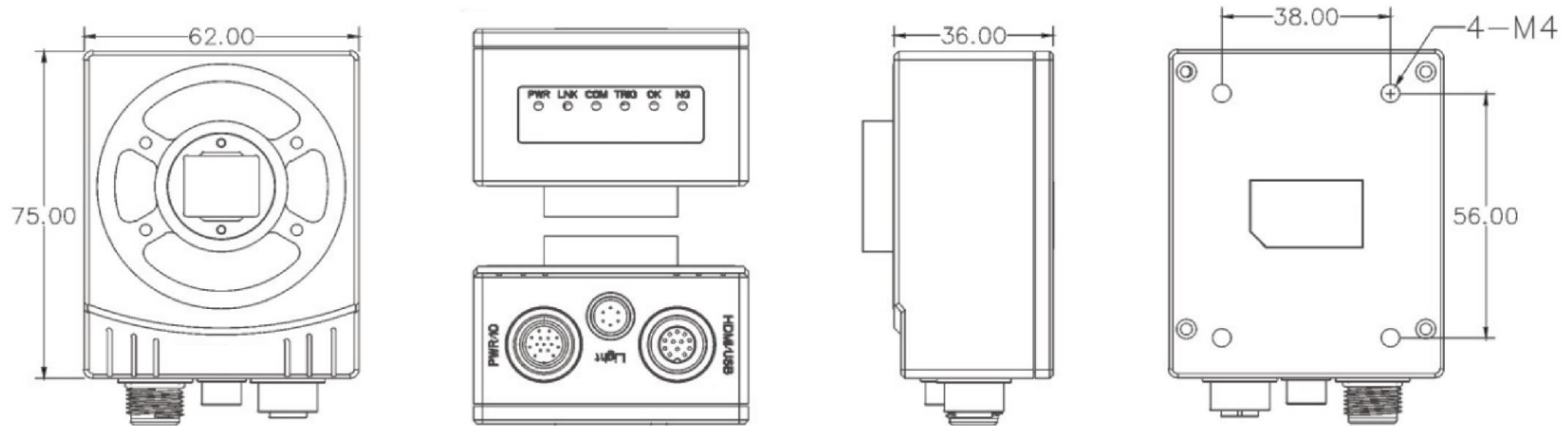
PERFORMANCE

1. Adopting embedded hardware flat energy, stable operation, fast speed
2. Built in Visual algorithm, capable of detecting positive and negative Presence or absence, size, color recognition, position, OCR, ect
3. Equipped with a quad core high-performance ARM processor
4. 2GB DDR4 memory
5. 16GB EMMC memory
6. 1RS232/1-way Ethernet
7. HDMI / USB2.0
8. 2 input / 4 output, with optocoupler isolation
9. Rich status indicator lights for installation, debugging, and status display
10. C port lens
11. Built in light source, support strobe
12. IP67 protection, suitable for harsh industrial environments

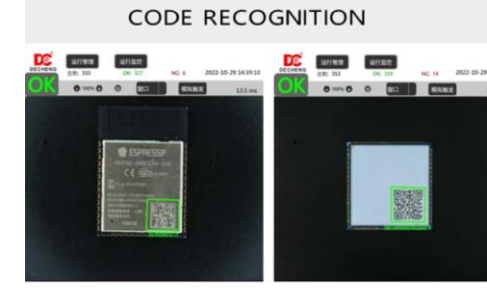
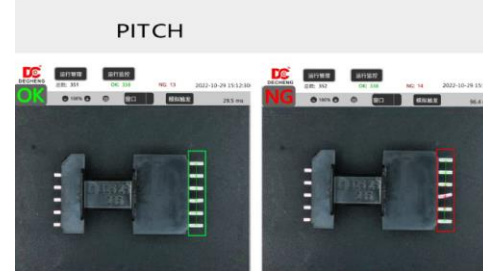
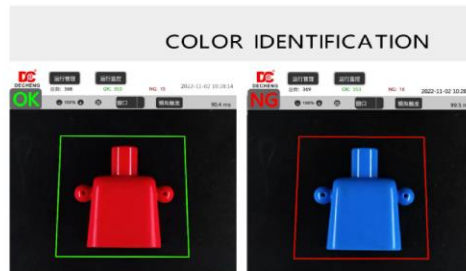
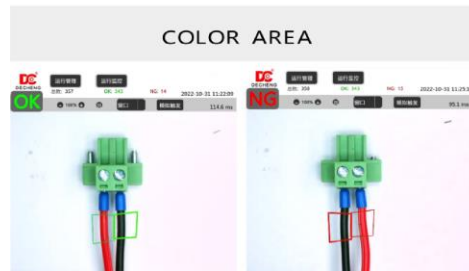
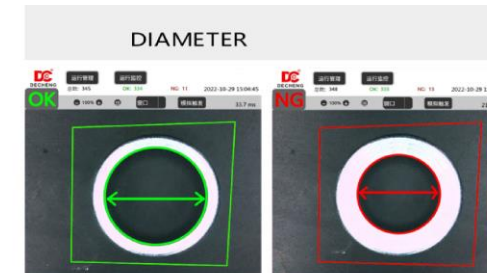
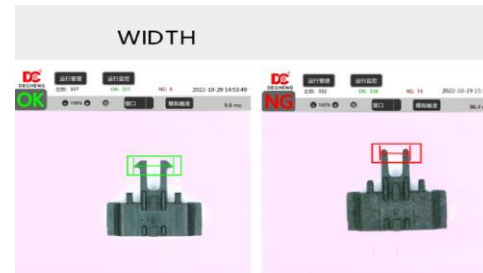
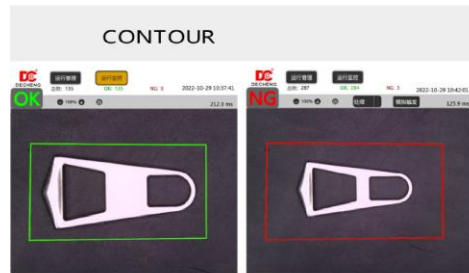
PARAMETER

Model Parameter	KCDC-300SC013M1R	KCDC-300SC013C1R
Algorithm function	Built in Visual algorithm, capable of detecting positive and negative Presence or absence,size,color recognition, position,ect	
Pixel size	4.0 um X 4.0um	4.0 um X 4.0um
Sensor size	1/2.7"	1/2.7"
Resolution	1280x1024	1280x1024
Maximum frame rate	60fps	60fps
Architecture	ARM Corter A55 2GHz	
Memory	2GB DDR4	
Storage	16GB EMMC	
Network	RTL8211F	
I/O	12Pin I/O interface,GPI input for 2 way optocoupler isolation,4-chanel optocoupler GPO output,1channel RS232	
VDO Output	HDMI	
USB	USB2.0	
Power supply	DC24V	
Consumption	12W	
Lens interface	C mount lens	
Architecture	ARM Corter A55 2GHz	
Light source	Built-in light source controller	
IP grade	IP 67	
Ambient Temperature	0-50°C	
Ambient humidity	20% - 95% PH	

DIMENSION



FEATURE



PART LIST

Item	Part name	Model	Picture	Q'ty
1	Camera & Software	KCDC300		1
2	Lens 6mm-37mm	KCSMV6-37		1
3	Ring Lighting	KC-RL5260RS-W		1
4	Monitor 10.1"	KCDC-TS60		1
5	I/O Board	KCDC-BIO		1
6	Power /IO cable	KCDC-IOC-3		1
7	HDMI/USB cable	KCDC-HDMI		1
8	Lighting cable	KCDC-L2		1