

KCDC-080 Series

AI smart camera



PERFORMANCE

- 1、 Adopt embedded hardware platform, stable operation and fast speed
- 2、 Built-in visual algorithm can realize front and back, presence, size, color recognition, OCR, position and other detection , AI Tool
- 3、 Equipped with quad-core high-performance ARM processor
- 4、 2GB DDR4 Memory
- 5、 16GB EMMC memory
- 6、 11-way RS232/1-way Gigabit Ethernet7、 HDMI/USB2.0
- 7、 1 input/3 outputs with optocoupler isolation
- 8、 Rich status indicator lights for installation, debugging and status display
- 9、 Built-in M12 lens, supports mechanical focus, easy for on-site debugging
- 10、 Built-in light source, supports strobe
- 11、 IP67 protection, suitable for harsh industrial environments

TECHNICAL PARAMTERS

model parameter	DC-080SC003CIR-4(Color)	DC-080SC003CIR-16(Color)	DC-100SC013MIR-4 (Black and White)	DC-100SC013MIR-16 (Black and White)
Algorithm function	Built-in visual algorithm can realize detection of front and back, direction, presence, size, position, color recognition, etc.			
Pixel size	4.0um*4.0um	4.0um*4.0um	4.0um*4.0um	4.0um*4.0um
Target surface	1/2.7*	1/2.7*	1/2.7*	1/2.7*
resolution	640*480	640*480	1280*960	1280*960
Max frame rate	120fps	120fps	60fps	60fps
System architecture	ARM Corter A55 2GHz quad-core processor			
Memory	2GB DDR4			
Memory	16GB EMMC			
Network	RTL8211F Gigabit Ethernet			
Digital I/O	Digital I/O interface, 1 optocoupler isolated GPI input, 3 optocoupler isolated GPO outputs, 1 RS232 serial port			
video output	HDMI interface			
USB	1-way USB2.0			
Powered by	DC 24V			
Power consumption	12W			
Lens mount	M12 Mechanical focus			
light source	Built-in light source			
IP rating	IP67			
ambient temperature	0-50°C			
ambient humidity	20%~95%PH without condensation			

PRODUCT SIZE

