CKANPLUS Product Catalog

(Model name: *CNF-200R-USB-Slim-AF***)**

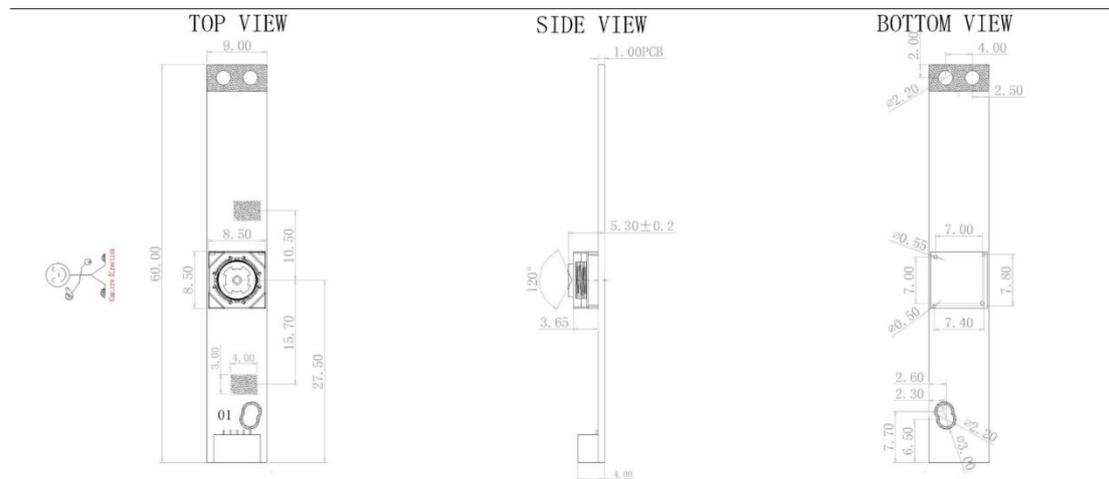**Key Specifications:**

Parameter	Value
Focus	Auto
Object distance	30CM - infinity
Resolution	600LW/PH (Center)
PCB printing ink	Black
Interface	USB 2.0
Power supply	USB bus power
Supply voltage	DC 5V ± 5%
Maximum Power consumption	570mW
Operating system request	Win XP/win 7、8 / vista / android 4.0 / mac / Linux with UVC
Sensor	OS02F10 (1/4")
Sensor Package	CSP, Bare Die
Maximum resolution	1920 * 1080
Sensitivity	10470e / (lux-sec)
Pixel Size	2μm x 2μm
S/N Ratio	38.1 db
Max Dynamic Range	72.9 db
Shutter type	Electronic rolling shutter (电子滚动快门)
AGC/AEC/White balance	Auto
Output Formats	YUY2 / MJPEG
Microphone	Support
Lens Construction	4P
F/No	2.2
EFL	2.4mm
FOV	120°
TV Distortion	< 1.0%
Relative Illumination (Sensor)	70%
IR Filter	650 ± 10nm

Module Package	Anti-electrostatic tray
Certifications	FCC / CE / ROSH
Temperature (Operation)	-30°C to 70°C
Temperature (Stable Image)	0°C to 50°C
Assembly technique	SMT (ROSH)
Module Size	60mm × 9mm × 5.30mm ± 0.2mm

MJPEG/YUY2 Transfer Rates

Resolution	MJPEG FPS	YUY2 FPS
320 x 240	30 FPS	30 FPS
640 x 480	30 FPS	30 FPS
1024 x 768	30 FPS	10 FPS
1280 x 720	30 FPS	10 FPS
1280 x 800	30 FPS	10 FPS
1920 x 1080	30 FPS	5 FPS

Mechanical Dimension:

TOP VIEW   SIDE VIEW   BOTTOM VIEW

Lens Specification

Optical Specification	
Focal Length	2.4mm
FOV (D)	120°
TV Distortion	<1.0%
F. Number	2.2

PIN	SIGNAL
1	VCC 5V
2	D-
3	D+
4	GND
5	GND

NOTE
1 The unmarked tolerance of linear dimension is ±0.1mm
2 Sensor :OS02F10
3 Image direction register use default settings.