CKANPLUS Product Catalog

(Model name: *CNF-800R-USB-Slim-AF*)
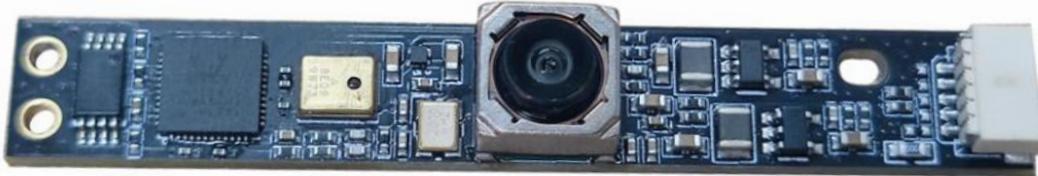
Key Specifications:

Parameter	Value
Sensor Size	1/3.2"
Effective Pixels	3264(H) × 2488(V)
Lens Size	1/3.2 inch (16:9)
Pixel Size	1.4 µm × 1.4 µm
Image Area	TBD
Output Formats	MJPEG / YUV2 (YUYV)
Supported Resolutions and Frame Rates	See transfer rate table below
Assembly Technique	SMT
Focus	Auto Focus (AF)
Optical Resolution (Center)	1400 LW/PH
S/N Ratio	TBD
Dynamic Range	TBD
Sensitivity	1.4 V/lux-sec @ 550nm
Minimum Illumination	0.5 lux
Shutter Type	TBD
Interface Type	USB 2.0 High Speed
AEC (Auto Exposure Control)	Supported
AWB (Auto White Balance)	Supported
AGC (Auto Gain Control)	Supported
Adjustable Parameters	Brightness, Contrast, Saturation, Hue, Sharpness, Gamma, White Balance, Backlight Compensation, Exposure
Lens Specification	1/3.2", Focal Length: 3.37 mm, Aperture: F2.2

Field of View (Diagonal)	78°
Lens Mount Interface	M6.5 × P0.25
Power Supply Interface	USB BUS POWER 5P-1.0mm socket
Supply Voltage	USB 5V
Current Consumption	80 mA – 120 mA
Module Dimensions	62 mm (L) × 9 mm (W) × 6.15 mm (H)
Storage Temperature	-20°C to 80°C
Operating Temperature	0°C to 70°C
USB Cable Length	1M (2M / 3M / 5M optional)
OS Compatibility	Win XP / Vista / Win7 / Win8 / Linux with UVC (≥ 2.6.26) macOS X 10.4.8 or later / Android 4.0 or above with UVC

MJPEG/YUY2 Transfer Rates

Resolution	MJPEG FPS	YUY2 FPS
3264 × 2488	15	2
1920 × 1080	30	5
1600 × 1200	30	2
1280 × 720	30	5
960 × 540	30	10
640 × 480	30	30

Mechanical Dimension:

TOP VIEW   SIDE VIEW   BOTTOM VIEW

CON_5P_1.0卧式

MIC

$\phi 1.9$

19.8

8.5

8.5

9

2.2

3

49.3

50.1

4

78°

马达本体6±0.2

拍摄高度6.15±0.2

4.8

1.6

62