

CKANPLUS Product Catalog

(Model name: CNF-500R-USB-Slim)



Key Specifications:

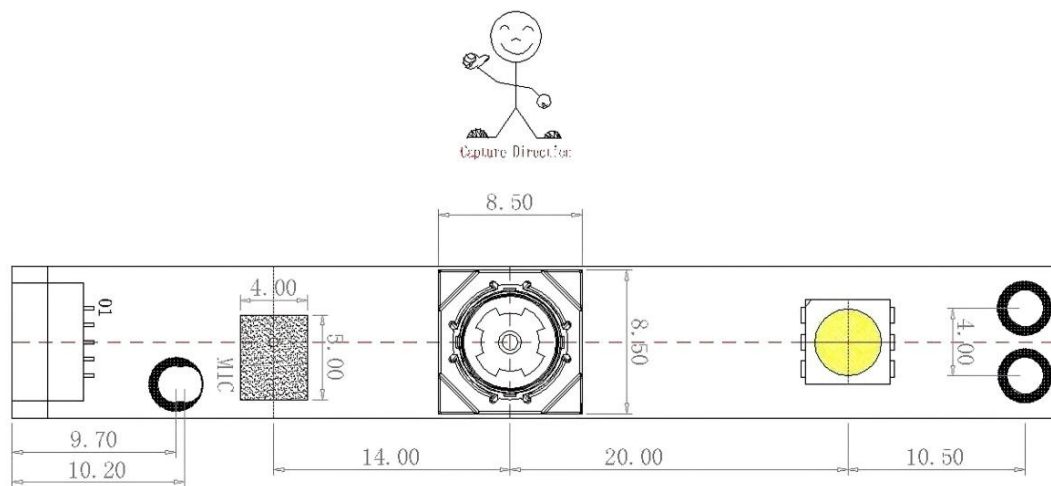
Parameter	Value
Focus	Auto
Resolution (Optical)	800 LW/PH (Center)
PCB Printing Ink	Black
Interface	USB 2.0
Power Supply	USB bus power
Supply Voltage	DC 5V $\pm$ 5%
Max Power Consumption	1200 mW
OS Compatibility	Win XP / Win 7, 8 / Vista / Android 4.0 / mac / Linux with UVC
Sensor	OV5640 1/4"
Maximum Resolution	2592(H) *1944 (V)
Sensitivity	600mv / (lux-sec)
Pixel Size	1.4 μ m $\times$ 1.4 μ m
S/N Ratio	36dB
Max Dynamic Range	68dB
Shutter Type	Rolling Shutter
AGC / AEC / White Balance	Auto
Output Formats	YUY2 / MJPEG
Microphone	Support
Illumination	Support
FOV	Optional [60/100°]
Module Package	Anti-electrostatic Tray
Temperature (Operation)	-30°C to 70°C
Temperature (Stable Image)	0°C to 50°C
Assembly Technique	SMT (ROHS)
Module Size	62mm $\times$ 9mm $\times$ 5.68mm $\pm$ 0.2mm

MJPEG/YUY2 Transfer Rates

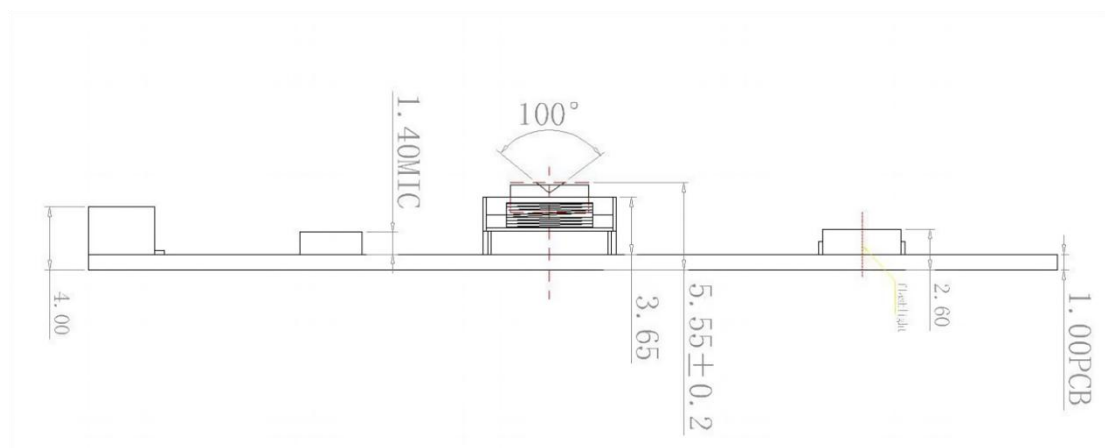
Resolution	MJPEG FPS	YUY2 FPS
1280 × 720	30	12
1280 × 960	15	5
1600 × 1200	15	5
1920 × 1080	30	5
2048 × 1536	15	5
2592 × 1944	15	2

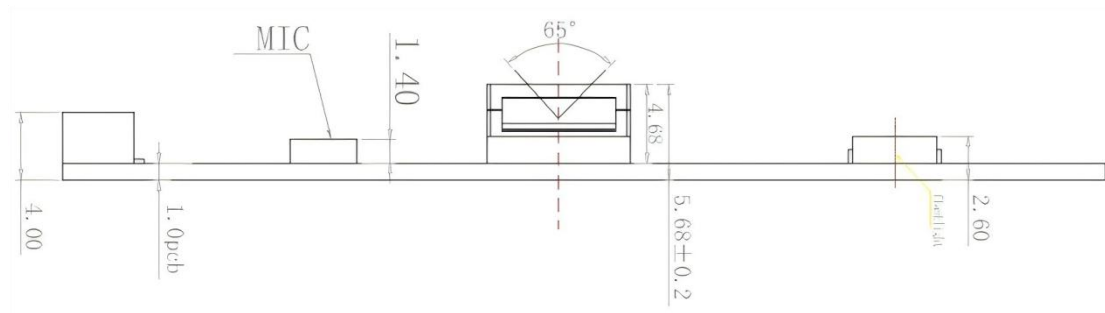
Mechanical Dimension:

TOP VIEW



SIDE VIEW





BOTTOM VIEW

