CKANPLUS Product Catalog

Model name: *CNF-200R-FE-USB*

Key Specifications:

Parameter	Value
Focus	Fixed
Object Distance	30cm – Infinity
Resolution (Optical)	600 LW/PH (Center)
PCB Printing Ink	Black
Interface	USB 2.0
Power Supply	USB bus power
Supply Voltage	DC 5V ±5%
OS Compatibility	Win XP / Win 7, 8 / Vista / Android 4.0 / mac / Linux with UVC
Sensor	1/2.8"
Sensor Package	CSP, Bare Die
Maximum Resolution	1920 × 1080
Sensitivity	4700 mV/(lux·sec)
Pixel Size	3 μm × 3 μm
S/N Ratio	46 dB
Max Dynamic Range	83 dB
Shutter Type	Electronic Rolling Shutter
AGC / AEC / White Balance	Auto
Output Formats	YUY2 / MJPEG
Microphone	Supported
Lens Construction	2G2P
F/No	2.4

EFL	3.0 mm
FOV	160°/180°(2 Options)
TV Distortion	<5%
Relative Illumination (Sensor)	70%
IR Filter	650 ±10nm
Module Package	Anti-electrostatic Tray
Certifications	FCC / CE / ROHS
Temperature (Operation)	-30°C to 70°C
Temperature (Stable Image)	0°C to 50°C
Assembly Technique	SMT (ROHS)
Module Size	38mm × 38mm × 17.50mm ±0.5mm

MJPEG/YUY2 Transfer Rates

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