

# CKANPLUS Product Catalog

(Model name: *CNF-130G-USB*)



## Key Specifications:

| Parameter                 | Value                                                          |
|---------------------------|----------------------------------------------------------------|
| Focus                     | Fixed                                                          |
| Resolution (Optical)      | 600 LW/PH (Center)                                             |
| PCB Printing Ink          | Black                                                          |
| Interface                 | USB 3.0 High Speed                                             |
| Power Supply              | USB bus power                                                  |
| Supply Voltage            | DC 5V $\pm$ 5%                                                 |
| Max Power Consumption     | 1000mW                                                         |
| OS Compatibility          | Win XP / Win 7, 8 / Vista / Android 4.0 / mac / Linux with UVC |
| Sensor                    | 1/2.0"                                                         |
| Maximum Resolution        | 1280(H) *1024(V)                                               |
| Sensitivity               | 1.4V/lux-sec@550nm                                             |
| Pixel Size                | 4.8 $\mu$ m $\times$ 4.8 $\mu$ m                               |
| S/N Ratio                 | 37.5dB                                                         |
| Max Dynamic Range         | 77dB                                                           |
| Shutter Type              | Global Shutter                                                 |
| AGC / AEC / White Balance | Auto                                                           |
| Output Formats            | YUY2 / MJPEG                                                   |
| Microphone                | Not Support                                                    |
| F/No                      | 1.8                                                            |
| EFL                       | 2.26 mm                                                        |
| FOV                       | 120° Diagonal                                                  |

|                            |                             |
|----------------------------|-----------------------------|
| Minimum Illumination       | 0.5lux                      |
| Module Package             | Anti-electrostatic Tray     |
| Certifications             | FCC / CE / ROHS             |
| Temperature (Operation)    | -20°C to 70°C               |
| Temperature (Stable Image) | 0°C to 70°C                 |
| Assembly Technique         | SMT (ROHS)                  |
| Module Size                | 38mm × 38mm × 25.7mm ±0.5mm |

### MJPEG/YUY2 Transfer Rates

| Resolution | MJPEG FPS | YUY2 FPS |
|------------|-----------|----------|
| 640 × 480  | 400       | 400      |
| 640 × 512  | 400       | 400      |
| 848 × 480  | 200       | 200      |
| 960 × 540  | 200       | 200      |
| 1280 × 720 | 200       | 100      |

### Mechanical Dimension:

