





Microscope Camera MMMC-A106

www.micromed.cc | info@micromed.cc

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Microscope Camera MMMC-A106 delivers 8.0MP resolution with 30fps frame rate for smooth imaging. Built with ARM Cortex-A9 inner-core structure, ensuring smooth performance and efficient processing. Features HDMI digital output for real-time high-resolution display. Equipped with strong light suppression and edge enhancement for enhanced image clarity. Our camera supports dual USB interface for seamless device connectivity.

Features:

One-key white balance adjustment

Independent color adjustment

U disk storage

HDR wide dynamic range

Internal cross lines

Applications:

Microscope Camera MMMC-A106 is widely employed for high-resolution imaging and real-time analysis in scientific research, industrial inspections, and medical applications.

Specifications:

| Resolution | 8.0 MP |
|--------------------------|-------------------------------------|
| Effective Pixels | 3840×2160 (4K) |
| Frame Rate | 30 fps |
| Chip Structure | XILINX ZYNQ |
| Inner-core Structure | ARM COTEX A9 + FPGA |
| Operation System | LINUX |
| Frequency Speed | 666 Mhz |
| Optical Size | 1/1.8? |
| Color Adjustment | R, G, B |
| Internal Cross Lines | 32 moveable lines |
| Lens Mount | Type C |
| Strong Light Suppression | Level 3 |
| Edge Enhancement | Level 4 |
| Operation Temperature | 0? to 70? |
| Power Input | DC 12 to 24V |
| Dimension | $70 \times 70 \times 40 \text{ mm}$ |
| Weight | 450 g |



7136 South Yale Avenue, Tulsa OK, 74136, USA Email: info@micromed.cc | Website: www.micromed.cc