

**ARTRAY**

Pioneer in the field of latest interface

Industrial 1/2.5" CMOS Color Camera

# ARTCAM-500MI

# 5.0M pixels USB 2.0

## Still Using Frame Grabbers? The Third Generation CMOS!!

Image capture board NOT required.

Save image directly to your PC with high speed transfer.



Board Cameras Available



ARTCAM-500MI-OP-CM

ARTCAM-500MI-OP

## Features

- 5.0M pixels progressive CMOS sensor
- Gain control & Shutter control
- High speed bayer conversion allowed by SSE2
- External trigger
- Capture image at 10 bits(SDK)
- ROI settings
- High frame rate at 8 bits(default)

Size	USB2.0 @8bits(FPS)	USB2.0 @10bits(FPS)	SATA compliant 500MI-SATA(10bit)
5M(2592 x 1944)	3.75	2	15
QXGA(2048 x 1536)	6	4	24
UXGA(1600 x 1200)	10	5	40
SXGA(1280 x 1024)	15	8	60
XGA(1024 x 768)	21	10	84
VGA(640 x 480)	46	22	184

- S/N ratio as high as that of CCD camera(50dB or higher)
- Low price
- Monochrome available(SDK)

## Specifications

- Maximum resolution : 2592 x 1944
- Pixel size : 2.2 x 2.2 $\mu$ m(area 6.65x5.32mm)
- Scanning method : Progressive scanning
- Sensitivity : 0.5V/Lux-sec (@ 550nm)
- S/N : 50dB or higher
- Lens mount : C mount (lens is not included)
- Optical size : 1/2.5"
- Dimension : 50(W)x56(H)x59.3(D)mm, 180g
- Power : Supplied from USB port

Minimum System Requirements : Windows 2000/XP, CPU 2.4GHz, Memory 1GB

## Contents

- Camera
- Manual
- Viewer software and Device driver

## Optional items

- SDK (Software Development Kit)
- ARTCCM-SDK-BW(monochrome)
- Filing & 2D measuring system



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\*Specifications Subject To Change Without Notice.