

3M USB 2.0 Camera

Colour CMOS QXGA (3.1 Mpixel) Camera

This high performance camera is suitable for Industrial Imaging and Microscopy applications.

The device incorporates a 1/2" 2048 x 1536 (QXGA) image array and an on-chip 10-bit A/D convertor capable of operating up to 7.5 frames per second (fps) with full resolution and 20 fps at XGA (1024 x 768) resolution.

The camera uses USB 2.0 connectivity to transfer images to the user's computer. The simple Plug and Play software allows the resolution to be changed



Features

- Optical black level calibration
- Video or snapshot operations
- Auto Exposure
- Auto Gain Control
- Auto White Balance
- Variable frame rate
- On-chip R/G/B channel and luminance average counter
- Power on reset and power down mode
- Integral IR filter
- USB 2.0 'B' type connector
- Standard Fixed C-Mount

Key Specifications

Array size:	QXGA 2048 x 1536 XGA 1024 x 768
Electronics exposure:	QXGA Up to 1548:1 XGA Up to 778:1
Image transfer rate:	QXGA 7.5 fps XGA 20 fps
Sensitivity:	TBD
Progressive Scan	

