



Lens not included

IC Capture - image acquisition, IC Measure - manual on-screen image measurement and image acquisition, IC Fullscreen Presenter, IC Line Profiler, Footswitch software for IC Capture, Scan2Docx, Scan2Docx OCR, Scan2Voice

DMK 72BUC02 Specification

GENERAL BEHAVIOR

Dynamic range	8 bit
Video formats @ frame rate (maximum)	2,592×1,944 (5 MP) Y800 @ 6 fps

INTERFACE (OPTICAL)

IR cut filter	✗
Sensor type	CMOS
Sensor specification	Aptina MT9P031
Shutter	rolling
Format	1/2.5 inch
Resolution (maximum)	H: 2,592 px, V: 1,944 px
Frame rate (maximum)	6 fps
Pixel size	H: 2.2 µm, V: 2.2 µm
Lens mount	C/CS

INTERFACE (ELECTRICAL)

Interface	USB 2.0 (forwards compatible)
Supply voltage	4.5 VDC to 5.5 VDC
Current consumption	approx 250 mA @ 5 VDC
Auto iris control	✗
Trigger	✓
I/Os	✓

INTERFACE (MECHANICAL)

Dimensions	H: 36 mm, W: 36 mm, L: 25 mm
Mass	70 g

ADJUSTMENTS

Shutter	1/10,000 s to 30 s
Gain	0 dB to 18 dB

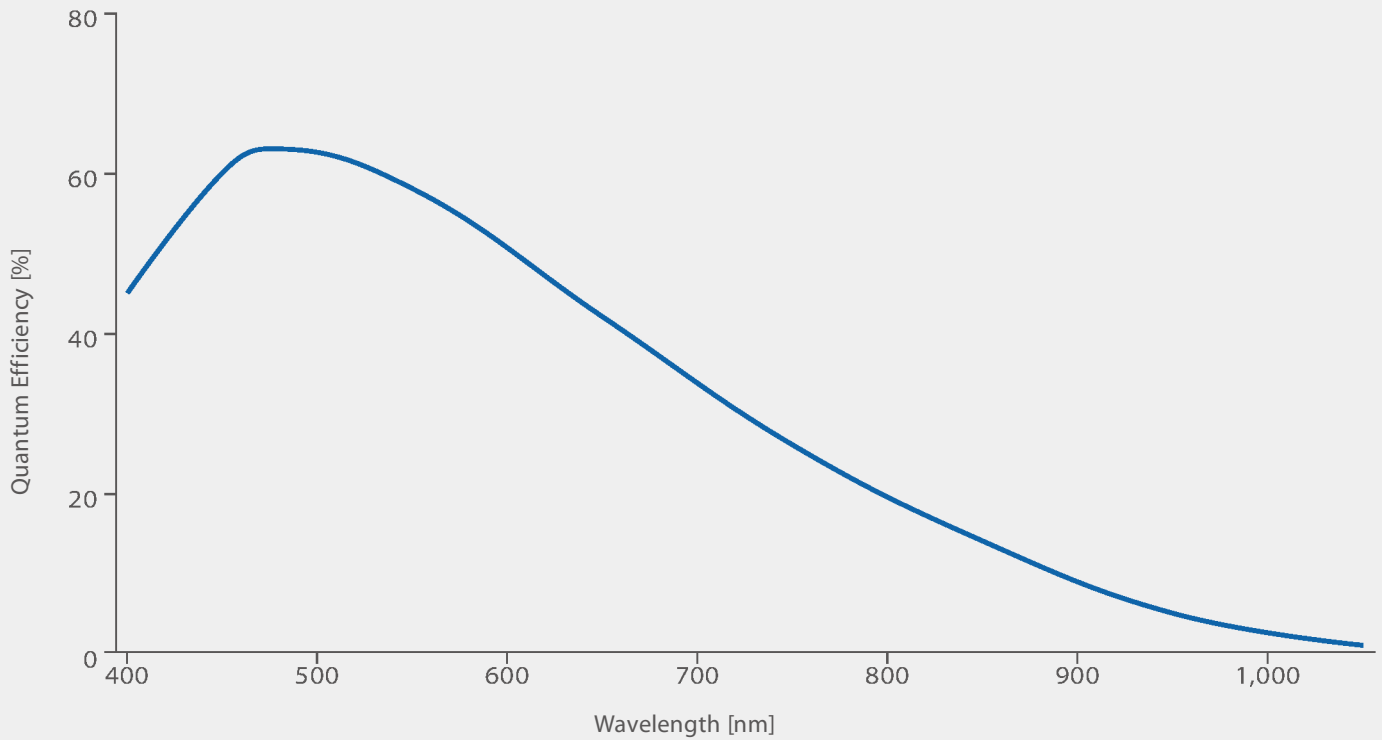
ENVIRONMENTAL

Temperature (operating)	-5 °C to 45 °C
Temperature (storage)	-20 °C to 60 °C
Humidity (operating)	20 % to 80 % (non-condensing)
Humidity (storage)	20 % to 95 % (non-condensing)

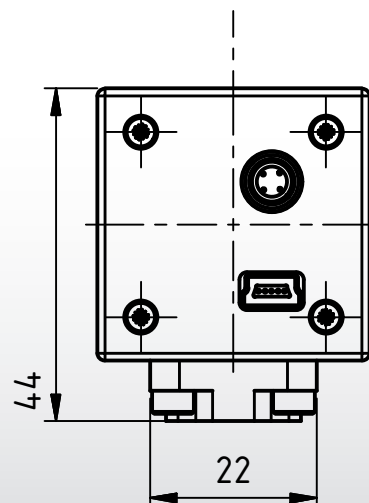
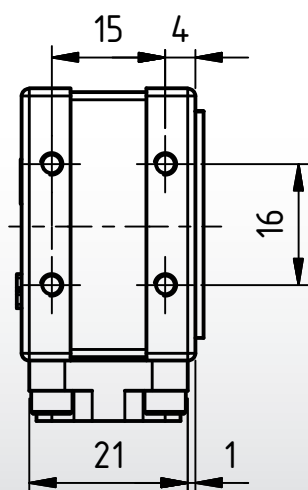
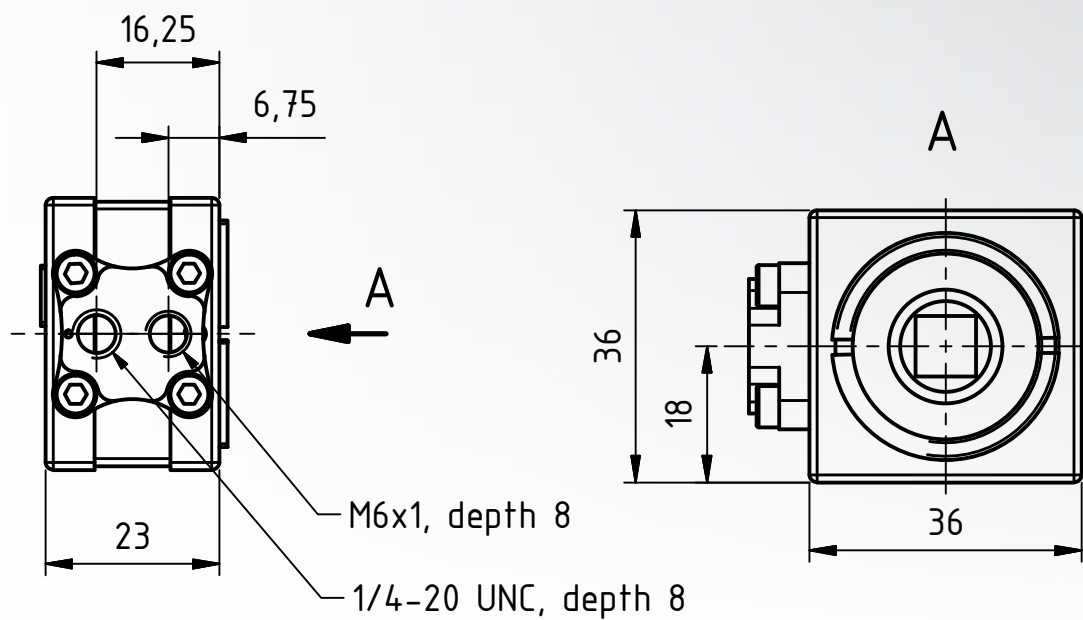
Subject to change

Micron MT9P031 Spectral Response Curve

CMOS Sensor in DMK 72BUC02



DMK 72BUC02 Dimensional Diagram



Dimensions: mm
Tolerances: DIN ISO 2768m

