## iDS

### UI-1487LE-M-NO (AB.0010.1.34400.56)

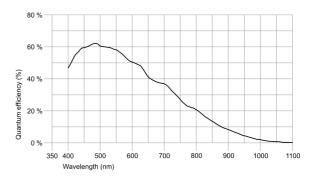
#### Discontinued The model has been discontinued.

uEye industrial cameras now also work with IDS peak! We recommend the Software Development Kit for the implementation of new projects. Learn about the process here and switch now. Please note: The technical data given here was measured using the IDS Software Suite.

#### Specification

#### Sensor

ShutterRolling shutter / Global Start ShutterSensor characteristicLinearReadout modeProgressive scanPixel Class5 MPResolution4.92 MpixResolution (h x v)2560 x 1920 PixelAspect ratio4:3ADC12 bitColor depth (camera)8 bitOptical sensor class1/2.5""Optical sensor class1/2.5""Optical sensor diagonal7.04 mm (1/2.27")Pixel size2.2 µmManufacturerOnsemiSensor ModelMT9P031STMGain (master/RGB)30x/-AOI horizontalincreased frame rateAOI verticalincreased frame rateAOI position grid (horizontal/vertical)4 / 2Binning horizontalincreased frame rateBinning horizontalincreased frame rateBinning verticalincreased frame rateBinning nethodColorSubsampling factor2 / 3 / 4 / 6Subsampling verticalincreased frame rateSubsampling verticalincreased frame rateSubsampling nethodColorSubsampling methodColorSubsampling methodColor <th>Sensor type</th> <th>CMOS Mono</th>	Sensor type	CMOS Mono
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	Subsampling vertical	increased frame rate
Subsampling factor 2 3 4 5 6	Subsampling method	Color
	Subsampling factor	2, 3, 4, 5, 6



#### Model

Pixel clock range	5 MHz - 43 MHz
Frame rate freerun mode	6.3 fps
Frame rate trigger (maximum)	6.4 fps
Exposure time (minimum - maximum)	0.075 ms - 2745 ms
Power consumption	0.5 W - 0.9 W

#### Ambient conditions

The temperature values given below refer to the outer device temperature of the camera housing. For PCB versions, refer to the separate hints in the respective documentation.

Device temperature during operation	0 °C - 55 °C / 32 °F - 131 °F
Device temperature during storage	-20 °C - 80 °C / -4 °F - 176 °F
Humidity (relative, non-condensing)	20 % - 80 %

Subject to technical modifications (2024-04-26)

# iDS

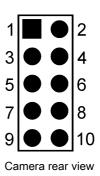
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#### Connectors

Interface connector	USB 2.0 mini-B
I/O connector	10-pin plated-through holes
Power supply	USB cable

#### Pin assignment I/O connector

-	
1	USB Power supply (VCC) 5 V
2	USB Ground (GND)
3	Trigger input without optocoupler (+)
4	Flash output without optocoupler (+)
5	Power supply (internal voltage transformer), 3.3 V or 3.0 V (sensor-dependent)
6	USB Ground (GND)
7	General Purpose I/O (GPIO) 1
8	General Purpose I/O (GPIO) 2
9	I2C bus clock signal
10	I2C bus data signal



Design

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Lens Mount	M14
IP code	-
Dimensions H/W/L	36.0 mm x 36.0 mm x 20.2 mm
Mass	16 g

Subject to technical modifications (2024-04-26)