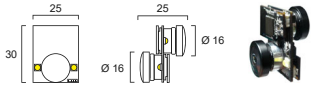
Unit: ± 0.5 mm

Feature

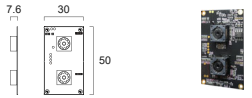
- 5.0 MegaPixel USB QSXGA.
- Outstanding quality.
- Full HD image pixel.
- 360° / 180 Dual Camera.

External Microphone

TCAM-42



TCAM-20



Specification

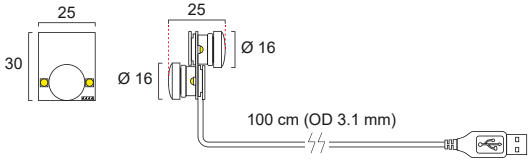
Model No.	TCAM-42	TCAM-20
Dimensions (mm)	30 x 25 x 25	50 x 30
Orientation	Front View	
Camera Type	Board Type	
Video Format	MJPEG / YUV	
Image Sensor	1/4" Color	1/4" Color & B/W
Resolution	2592 x 1944 @10 fps MJPG; @ 2 fps YUV	
Pixel Size (um)	1.4 × 1.4	
Image Area (mm)	3.651 × 2.744	
Sensitivity (Lux.Sec)	5100 e- / (Lux-sec)	
Dynamic Range	63dB	
S/N Ratio	85 dB	
Scan Mode	Progressive	
Shutter	Rolling	
Lens	Please Check Model Information Table	
View Angle	Please Check Model Information Table	
Focus Distance (mm)	Infinity	
LED	Built-in white LED x 4	N/A (Optional)
Storage Temp.	-30 to 60 Degree C	
Working Temp.	-10 to 60 Degree C	
Interface	USB 2.0	
Power Supply	DC 5 V	
Power Current	170 mA (Max.), TBD mA (with LED)	
Microphone	N/A (External Optional)	
Operation System	Win XP, Win Vista, Win 7, Win 8, Win 10 Linux, MAC OSX	

* Working temperature means the camera device, not environment temperature.

TCAM-42



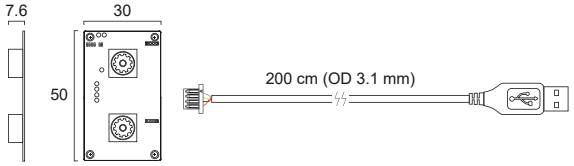
▲ MD-TCAM-42



TCAM-20

Coming Soon

▲ MD-TCAM-42



Unit: ± 0.5 mm

MD-TCAM-42

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	MICROPHONE	LED	LENS
M Basic	USB 2.0 D Type A T Type C E TE Industrial Mini I/O Type II (2040008-2) (USB 2.0 Only)	Front View TCAM-42 360° Dual Camera TCAM-20 180° Dual Camera	Color / B/W / Dimensions 42 / - / 30 x 25 20 (Top) / 20 (Bottom) / 50 x 30	N/A None A External	N/A None White L Normal LH High-Intensity Infrared L9 IR 940 nm L8 IR 850 nm	Code / Specification / View Angle N/A / 1.52 mm / F 2.4 / 180° N/A / 3.128 mm / F 2.8 / 70° N/A / 3.9 mm / F 2.4 / 71° N/A / 4.0 mm/ F 2.4 / 62°

* IR 940nm or IR 850nm LED is suggested to choose B/W camera type.
* Camera with LED light source is suggested to use lens with larger F-Stop number.
* Camera appearance or other requirements are applicable for customization.
* TE Industrial Mini I/O Type II connector does not support USB 3.0 output.

Connector Information


USB Type A


USB Type C


TE Industrial Mini I/O Type II (2040008-2) (USB 2.0 Only)