Unit: ± 0.5 mm

Feature

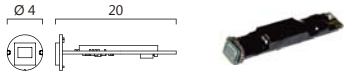
- High Sensitivity!
- High Performance.
- Night Vision / Low Light Camera.
- Compact Size.

Specification

Model No.	B1004
Dimensions (mm)	Ø 4 x 20
Orientation	Front View
Camera Type	Board Type
Video Format	NTSC / PAL
Image Sensor	1/10" Color CMOS Camera Module
Resolution	720 x 480 @15 fps or @30 fps
Pixel Size (um)	2.125 x 2.125
Image Circle	Ø 1.72
Sensitivity (Lux.Sec)	1.15 V
Dynamic Range	66 dB
S/N Ratio	36.02 dB
Scan Mode	Internal
Shutter	Rolling
Horizontal Sync Freq.	15.734 kHz / 15.625 kHz
Vertical Sync Freq.	60 Hz / 50 Hz
Frame Rate (/ sec.)	15~30 fps
Gamma Consumption	0.45
Video Output	1Vp-p , 75ohm composite
Lens	Please Check Model Information Table
View Angle	Please Check Model Information Table
Focus Distance (mm)	Infinity
LED	N/A (Optional)
Storage Temp.	-30 to 60 Degree C
Working Temp.	-10 to 60 Degree C
Power Supply	DC 3.3 V
Power Current	130 mA (Max.)
Microphone	N/A (External Optional)

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

B1004 (No Lens)



- Auto Exposure
- Black Level Calibration
- Brightness
- Lens Shading Correction
- Auto White Balance
- On-Chip Dead Pixel Correction
- Gamma Correction
- Noise Reduction
- Edge Enhancement
- Color Correction

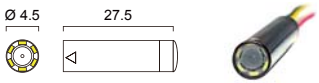
1004



▲ Full Model No.



T1004 (62°)





▲ MX-T1004LW-62

(White) DC 3.3V
Power input for LED
(Yellow) Video
(Black) GND
(Red) DC 3.3V
Power input for camera

MX-B1004L-65

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	MICROPHONE
MX Low Light	CVBS N/A IRIS 4 Pin J Phone Jack Q M8 Waterproof F RCA / DC	Front View B Board T Tube L Snake	Color / B/W / Dimensions 1004 / 10M4 / Ø 4 x 20 1004K / 10M4K / Ø 4 x 20 *K 15 fps	N/A None A External

LED	END	LENS
N/A None White L Normal LH High-Intensity Infrared L9 IR 940 nm L8 IR 850 nm	N/A Cable + Connector C Cable + Wires Out W Wires Out	Code / Specification / View Angle 50 / 1.83 mm / F 2.0 / 50° 62 / 1.498 mm / F 2.0 / 62° 65 / 1.33 mm / F 2.0 / 65° 65Y / 1.33 mm / F 2.0 / 65° 100 / 1.08 mm / F 2.0 / 100° *Y YR Filter

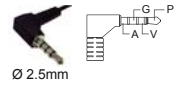
* IR 940nm or IR 850nm LED is suggested to choose B/W camera type.
* Camera with LED light source is suggested to use lens with larger F-Stop number.
* Camera appearance or other requirements are applicable for customization.

NOTE

Connector Information



IRIS 4 Pin



Phone Jack



M8 Waterproof



RCA / DC

NOTE: G GND A AUDIO P DC POWER V VIDEO



Wires Out

(Yellow) Video
(Black) GND
(Red) DC 5~12 V

*Choose either connector or wires.
(If connector is chosen cannot choose wires, vice versa)