Unit: ± 0.5 mm

Feature

- Miniature size.
- Outstanding quality.
- 720p image pixel.
- Ideal for covert applications.



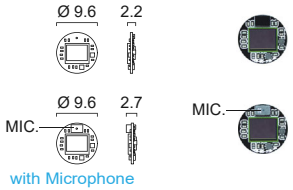


Specification

Model No.	B55109R
Dimensions (mm)	Ø 9.6 x 2.2
Orientation	Front View
Camera Type	Board Type
Video Format	MJPEG / YUV
Image Sensor	1/3.63" Color CMOS Camera Module
Resolution	1280 x 720 @ 30 fps
Pixel Size (um)	3.75 x 3.75
Image Area (mm)	4.8 x 2.7
Sensitivity (Lux.Sec)	6488 mV
Dynamic Range	70.4 dB
S/N Ratio	37.2 dB
Scan Mode	Progressive
Shutter	Rolling
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
Interface	USB 2.0
Power Supply	DC 5 V
Power Current	130 mA (Max.)
Microphone	N/A (Built-In 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.

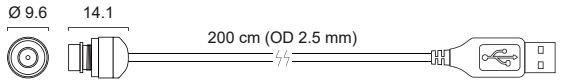
B55109R No Lens



55109



▲ TD-B55109R-125



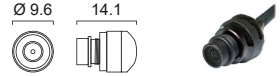
B55109R-48 (48°)



B55109R-69 (69°)



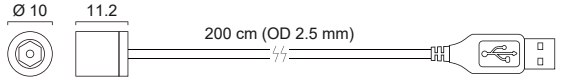
B55109R-125 (125°)



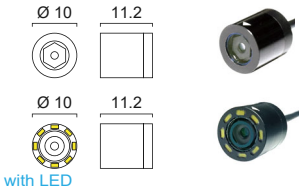
55110



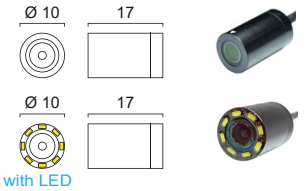
▲ RD-T55110-69



T55110-69 (69°)



T55110-125 (125°)



Unit: ± 0.5 mm

All MISUMI UVC Camera are Compatible With MP-WF580KP (WiFi DVR)

For example:
Our extremely lightweight 1920 x1080 (1080p) 1/6" CMOS UVC glasses camera is compatible with MP-WF580KP (WiFi DVR).

Supports H.264 video format input, loop recording, snapshot functions.
Supports max memory 128 GB (micro SD).

Users can view live streaming video via a smartphone.

Omni-Viewer Android iOS AMCAP



▲MP-WF580KP

About MP-WF580KP:
It delivers the best 1080p live streaming performance when using H.264 camera.
MJPEG cameras can only live stream at resolutions of 720p and below.
MJPEG cameras delivers the best live streaming performance at 640 x 480.

Adjustable Camera Parameter (MISUMI APP)

Camera parameter can be adjusted on smartphone via Misumi app and/or PC viewer software AMCAP.

Brightness
Gain
Contrast
Gamma
White Balance
Exposure time ABS
Sharpness
Backlight Compensation
HUE
Saturation
Mirror
Flip
Frame rate 30fps
Resolution 1920x1080

AimScope (MISUMI APP)

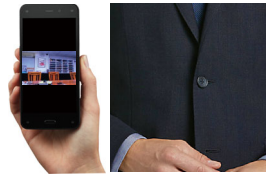
ANDROID APP ON Google Play



NOTE: MISUMI APP does not support Android 10.

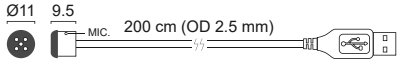
*please visit UVC ButtonScrewCamera datasheet for more information





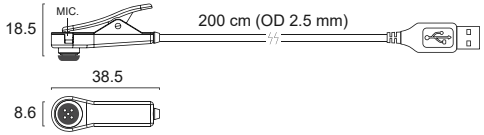


▲ TD-R55131UA





▲ TD-NL55131A



TD-B55109RALH-125

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	MICROPHONE	LED	LENS
USB 2.0 (F)T Advance (F)R Metal Enclosure (Tube Only) *F Snapshot and Freeze Frame	**UVC (USB)** D Type A T Type C E TE Industrial Mini I/O Type II (2040008-2) (USB 2.0 Only)	**Front View** (V)B Board Type T Tube Type V Tube Type *V Dimmer Controller	**Color / B/W / Dimensions** 55109R 551M9R Ø 9.6 x 2.2 (Board Only) 55110 551M10 Ø 10 x 11.2 (Tube Only) *R Round Shape	N/A None A Built-In	N/A None **White** L Normal LH High-Intensity **Infrared** L9 IR 940 nm L8 IR 850 nm	**Code / Specification / View Angle** 125 2.3 mm / F 7.0 125° 69 4.0 mm / F 2.4 69° 48 6.38 mm / F 4.4 48°

* 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)