Unit: ± 0.5 mm

## Feature

- Lightweight and Compact
- Ideal Tool for Endoscope, Surveillance
- LED Brightness Control

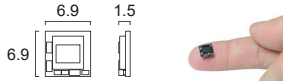
OSD Function

## Specification

| Model No. | B44877 | B44808 | B44832 |
|---|---|---|---|
| Dimensions (mm) | 6.9 x 6.9 | Ø 8 | 32 x 32 |
| Orientation | Front View | | |
| Camera Type | Board Type | | |
| Video Format | NTSC / PAL | | |
| Image Sensor | 1/4" Color CMOS Camera Module | | |
| Resolution | 640 x 480 | | |
| Pixel Size (um) | 5.6 x 5.6 | | |
| Image Circle | Ø 4.48 | | |
| Sensitivity (Lux.Sec) | 17.1 V | | |
| Dynamic Range | 65 dB | | |
| S/N Ratio | 48.7 dB | | |
| Scan Mode | Progressive | | |
| Shutter | Rolling | | |
| Horizontal Sync Freq. | 15.734 kHz / 15.625 kHz | | |
| Vertical Sync Freq. | 60 Hz / 50 Hz | | |
| Frame Rate (/ sec.) | 30 fps / 25 fps | | |
| Gamma Consumption | 0.45 | | |
| Video Output | 1Vp-p , 75 ohms 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 / DC 5~12 V | | |
| Power Current | 80 mA (Max.) | | |
| Microphone | N/A (External Optional) | | |

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

### B44877 No Lens




### B44808 No Lens



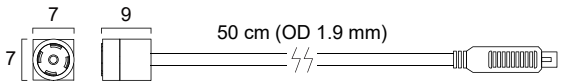

### B44832 No Lens

Coming Soon

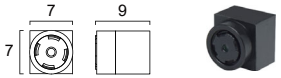
### 44877 / 44888



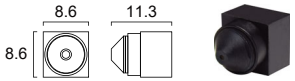
▲ MO-S44877-3X



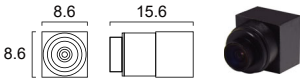

### S44877-3X (66°)




### S44888-2V (76°)



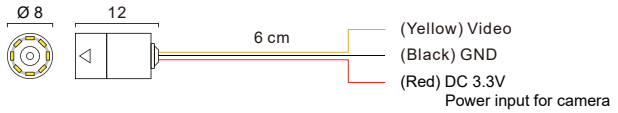

### S44888-2E (110°)



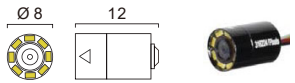

### 44808



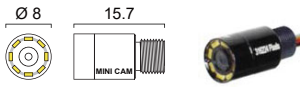
▲ MO-T44808LSW-3S



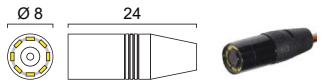

### T44808LSW-3S (66°)



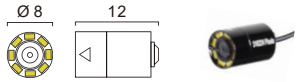

### T44808LW-3S (66°)




### T44808LMW-3S (66°)




### T44808LS-3S (66°)



Unit: ± 0.5 mm

## Camera Parameter Adjustable (UTC Controller)

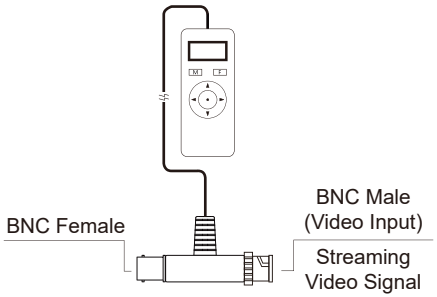
Model No. UTC-200 Sold Separately

**Five Buttons Function**

Exposure, White Balance, Day & Night,
Image Setup, Function Setup, Reset.
(Enter, Up, Down, Left, Right) Toggles.



▲ UTC-200




# MO-T44877LW-2ES

| SERIES | CONNECTOR | CAMERA BODY | DISPLAY | MICROPHONE | LED | END SIDE |
|---|---|---|---|---|---|---|
| M Basic | CVBS Signal<br>O IRIS 4 Pin<br>J Phone Jack<br>Q M8 Waterproof<br>F RCA / DC | 44877 / 44808<br>Front View<br>(V)B Board Type<br>44877 / 44888<br>Front View<br>(V)S Forming Type<br>44808<br>Front View<br>(V)T Tube Type<br>*V Dimmer Controller | Color / B/W / Dimensions<br>44877 / 448M77 / 6.9 x 6.9<br>44808 / 448M08 / Ø 7.7<br>44888 / 448M88 / 8.6 x 8.6 (Forming Type)<br>44832 / 448M32 / 32 x 32 | N/A None<br>A External | N/A None<br>White<br>L Normal<br>LH High-Intensity<br>Infrared<br>L9 IR 940 nm<br>L8 IR 850 nm | N/A Cable + Connector<br>C Cable + Wires Out<br>W Wires Out<br>S Short Type<br>M Molding Type<br>*SW / SC / MC Available Combination<br>*W No LED 3 Wires with LED 4 Wires |

(No Snapshot Screen and No Freeze Frame Function)

## LENS

All Series

| Code | Specification | View Angle | Code | Specification | View Angle | Code | Specification | View Angle |
|---|---|---|---|---|---|---|---|---|
| 2S | 2.1 mm / F 2.5 | 125° | 3S | 3.4 mm / F 3.4 | 73° | 3A | 3.6 mm / F 4.5 | 64° |
| 2ES | 2.3 mm / F 2.6 | 110° | | 3.4 mm / F 7.0 | | 4T | 3.9 mm / F 3.9 | 59° |
| 2E | 2.3 mm / F 2.6 | 110° | 3X | 3.4 mm / F 2.8 | 66° | 4E | 4.0 mm / F 2.0 | 58° |
| 3K | 2.8 mm / F 3.9 | 97° | 3X6 | 3.4 mm / F 6.0 | 66° | 4C | 4.0 mm / F 2.0 | 58° |
| 3W | 2.8 mm / F 3.9 | 77° | 3TC | 3.5 mm / F 3.5 | 65° | 5F | 5.0 mm / F 3.5 | 48° |
| 2V | 2.83 mm / F 3.9 | 97° | 3TF | 3.5 mm / F 3.5 | 65° | 8F | 8.3 mm / F 2.4 | 30° |

B44832 Series

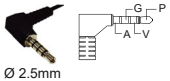
| Code | Specification | View Angle |
|---|---|---|
| 2C | 2.5 mm / F 2.5 | 84° |
| 3T | 3.1 mm / F 3.4 | 72° |
| 3G | 3.6 mm / F 2.0 | 71° |
| 3F | 3.7 mm / F 2.0 | 63° |
| 3C | 3.7 mm / F 2.0 | 63° |
| 4F | 4.3 mm / F 2.5 | 55° |

* 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.

**Connector Information**




IRIS 4 Pin




Phone Jack




M8 Waterproof

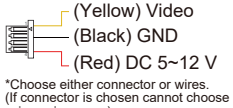


RCA / DC

NOTE:
G GND
A AUDIO
P DC POWER
V VIDEO



Wires Out




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