

Feature

- Mini Size, High Resolution!
- High Sensitivity, High Performance!
- OSD Menu Function to Adjust Exposure, White Balance, Brightness, Contrast, Sharpness, NR, Mirror.

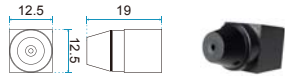
Specification

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

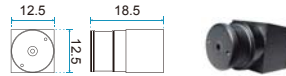
| |  |  |  |  |  |  |  |  |  |
|-----------------------|---|---|---|--|---|---|---|---|---|
| Model No. | S62012 | S44788 | S41488 | S66114 | B30809 | B32106FD | B321A6FD | B25706FD | B257A6FD |
| Dimensions (mm) | 12.5 x 12.5 | 8.6 x 8.6 | 8.6 x 8.6 | 14.5 x 14.5 | Ø 9.7 x 22.5 | Ø 6.3 x 16.8 | Ø 6.3 x 24.7 | Ø 6.3 x 16.8 | Ø 6.3 x 24.7 |
| Orientation | Front View | | | | | | | | |
| Video Format | AHD | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ |
| | CVI | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ |
| | TVI | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ |
| | PVI | ✓ | ✓ | N/A | N/A | N/A | N/A | | N/A |
| Image Sensor | 1/2.9" | 1/4" | 1/4" | 1/2.7" | 1/5.8" | | 1/5.6" | | 1/7" |
| Resolution | 1920 x 1080 | 1280 x 720 | 1280 x 720 | 1920 x 1080 | 1920 x 1080 | | 1920 x 1080 | | 1920 x 1080 / 1280 x 720 |
| Pixel Size (um) | 2.8 x 2.8 | 3.0 x 3.0 | 2.8 x 2.8 | 3.0 x 3.0 | 1.4 x 1.4 | | 1.75 x 1.75 | | 1.75 x 1.75 |
| Image Area (mm) | 5.40 x 3.05 | 3.89 x 2.21 | 3.61 x 2.04 | 5.76 x 3.24 | 2.69 x 1.51 | | 2.8 x 1.57 | | 2.24 x 1.26 |
| Sensitivity (Lux.Sec) | 25.7 k e | 11.4 V | 22.5 k e | 3.6 V | 690 mV | | 1200 mV | | 1200 mV |
| Dynamic Range | 64.6 dB | 65 dB | 66.9 dB | 120 dB | 68 dB | | 70 dB | | 70 dB |
| S/N Rate | 49.6 dB | 44 dB | 43.3 dB | 41 dB | 36 dB | | 36 dB | | 36 dB |
| Scan Mode | Progressive | | | | | | | | |
| Shutter | Rolling | | | | | | | | |
| Lens / View Angle | Please Check Model Information Table for Lens Specification and View Angle | | | | | | | | |
| Focus Distance | Infinity | | | | | | | | |
| LED | N/A | | | | | | | | |
| Storage Temp. | -30 to 60 Degree C | | | | | | | | |
| Working Temp. | -10 to 60 Degree C | | | | | | | | |
| Power Source | DC 5 ~ 12 V | | | | | | | | |
| Power Current (Min.) | 80 mA (DC 12V) 150 mA (DC 5V) | 75 mA (DC 12V) 140 mA (DC 5V) | 40 mA (DC 12V) 100 mA (DC 5V) | 170 mA (DC 12V) 330 mA (DC 5V) | 80 mA | *DC 3.3V and DC 1.2V (Dual) 90 mA (DC 12V) 200 mA (DC 5V) | 90 mA (DC 12V) 200 mA (DC 5V) | *DC 3.3V and DC 1.2V (Dual) 90 mA (DC 12V) 200 mA (DC 5V) | 90 mA (DC 12V) 200 mA (DC 5V) |
| Microphone | N/A (External Optional) | | | | | | | | |

62012

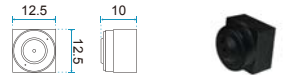
S62012-3C (86°)



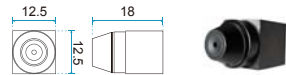
S62012-3F (87°)



S62012-3T (91°)



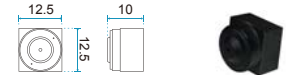
S62012-4C (71°)



S62012-4F (71°)

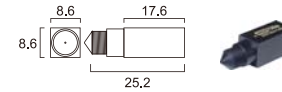


S62012-4T (76°)

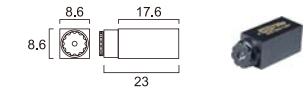


44788

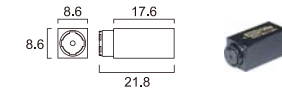
S44788-3A (63°)



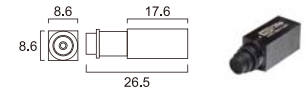
S44788-3X (66°)



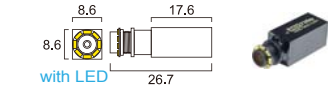
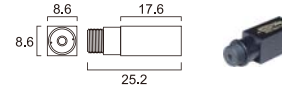
S44788-4E (58°)



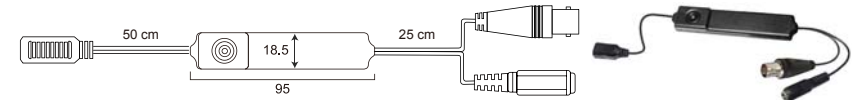
S44788-2ES (110°)



S44788-2E (110°)

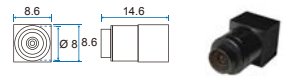


AHD-OSD5D (OSD Controller)

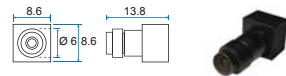


41488

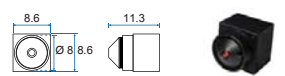
S41488-2E (104°)



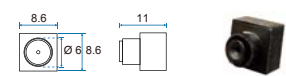
S41488-2ES (104°)



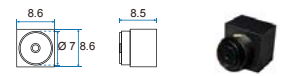
S41488-2V (79°)



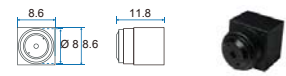
S41488-3K (79°)



S41488-3M (62°) S41488-3X6 (62°)

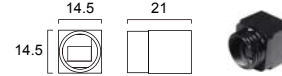


S41488-3T (67°)

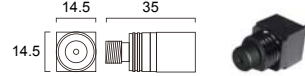


66114

S66114 No Lens



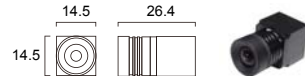
S66114-68 (68°)



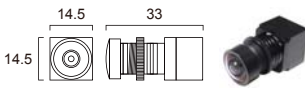
S66114-69 (69°)



S66114-93 (93°)



S66114-118 (118°)



WDR (Wide Dynamic Range)
The dynamic range of the image sensor is the brightness range of the light that the sensor can acquire and output the image without loss of information.

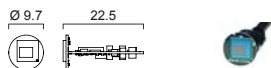


WDR Camera

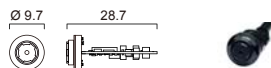
Normal Camera

30809

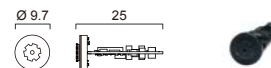
B30809 No Lens



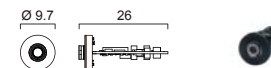
B30809-52 (52°)



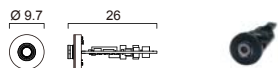
B30809-77 (77°)



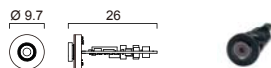
B30809-88 (88°)



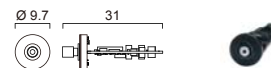
B30809-88M (88°)



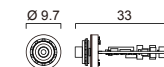
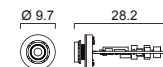
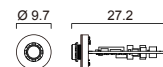
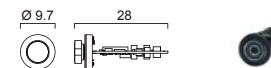
B30809-93 (93°)



B30809-120 (120°)



B30809-158 (158°)



32106 / 25706

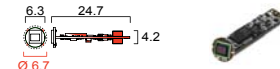
B32106 / B25706 No Lens



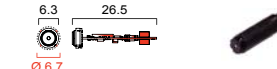
B32106-79 (79°) B25706-63 (63°)



B321A6 / B257A6 No Lens



B321A6-79 (79°) B257A6-63 (63°)



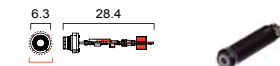
B32106-90 (90°) B25706-72 (72°)



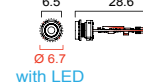
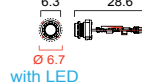
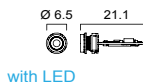
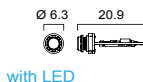
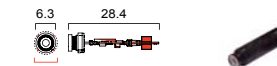
B32106-95 (95°) B25706-76 (76°)



B321A6-90 (90°) B257A6-72 (72°)



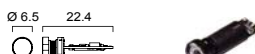
B321A6-95 (95°) B257A6-76 (76°)



B32106-102 (102°) B25706-81 (81°)



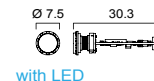
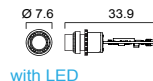
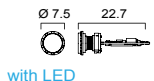
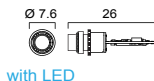
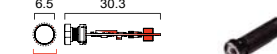
B32106-163 (163°) B25706-130 (130°)



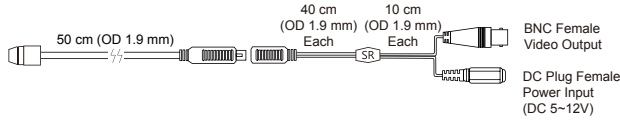
B321A6-102 (102°) B257A6-81 (81°)



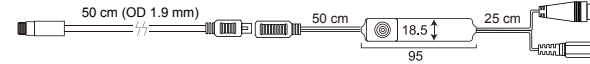
B321A6-163 (163°) B257A6-130 (130°)



Camera with Accessory



Camera with OSD Controller



AHD-B25706ALHW-130

| SERIES | CONNECTOR | CAMERA BODY | DISPLAY | | | | MICROPHONE | LED | END SIDE |
|--|---|--|---|---|-----------------------------------|-----------------------------------|------------------------|--|----------------------------|
| | | | No PVI | | ALL | | | | |
| AHD AHD CVI CVI TVI TVI PVI PVI | Analog Signal N/A IRIS 4 Pin J Phone Jack Q M8 Waterproof F RCA / DC | Front View (V)B Board Type S Forming Type T Tube Type V Tube Type *V with Dimmer | Color 25706 257A6 30809 32106 321A6 41488 66114 | B/W 257M6 257AM6 308M9 321M6 321AM6 414M88 661M14 | Color 44788(E) 62012 | B/W 447M88(E) 620M12 | N/A None A External | N/A None White L Normal LH High-Intensity Infrared L9 IR 940 nm L8 IR 850 nm | W Wires C Cable + Wires |

LENS

| Code | Specification | View Angle | | | | Code | Specification | View Angle | | | | Code | Specification | View Angle | | | | |
|-------|------------------|------------|------|------|-----|-------|-----------------|------------|------|-----|------|------|---------------|------------|------|------|-----|-----|
| | | 130° | 163° | 158° | N/A | | | 63° | 79° | 77° | N/A | | | 104° | 110° | 132° | 57° | 60° |
| 25706 | 1.523 mm / F 4.8 | | | | | 25706 | 1.83 mm / F 2.0 | | | | | | | | | | | |
| 257A6 | 1.523 mm / F 6.0 | 130° | 163° | 158° | N/A | 257A6 | 1.83 mm / F 5.0 | 63° | 79° | 77° | N/A | | | | | | | |
| 32106 | 1.523 mm / F 8.0 | | | | | | 1.83 mm / F 8.0 | | | | | | | | | | | |
| 321A6 | 1.06 mm / F 4.5 | 130° | 147° | 120° | N/A | | 2.3 mm / F 2.6 | | | | | | | | | | | |
| 30809 | 1.50 mm / F 4.0 | 76° | 95° | 93° | N/A | | 2.3 mm / F 4.0 | 81° | 102° | 84° | N/A | | | | | | | |
| 66114 | 1.50 mm / F 5.7 | | | | | | 2.3 mm / F 5.0 | | | | | | | | | | | |
| | 1.55 mm / F 5.7 | 72° | 90° | 88° | N/A | | 2.3 mm / F 7.0 | | | | | | | | | | | |
| | 1.55 mm / F 8.0 | | | | | | 2.4 mm / F 2.6 | N/A | N/A | N/A | 118° | | | | | | | |
| | 1.86 mm / F 4.0 | | | | | | 3.18 mm / F 2.8 | N/A | N/A | N/A | 93° | | | | | | | |
| | 1.86 mm / F 5.0 | 70° | 82° | 88° | N/A | | 3.4 mm / F 2.8 | 41° | 50° | 52° | N/A | | | | | | | |
| | 1.86 mm / F 6.0 | | | | | | 3.4 mm / F 6.0 | | | | | | | | | | | |
| | | | | | | | 6.0 mm / F 2.2 | N/A | N/A | N/A | 69° | | | | | | | |
| | | | | | | | 6.3 mm / F 2.5 | N/A | N/A | N/A | 68° | | | | | | | |

* Code represents view angle.
* 88° View Angle of 30809's code is 88M

* 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

