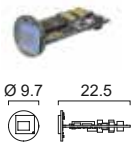
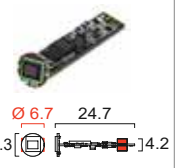
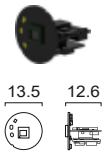
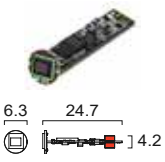
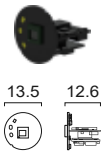
Unit: ± 0.5 mm

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.

		WDR			Crop Sensor		900p Upscaled		720p Upscaled	
										
Model No.		S66114	S62012	S61611	B30809	S41488	B321A6F	B32113F	B257A6 (F)/(H)	B25713 (F)/(H)
Dimensions (mm)		14.2 x 14.2	12.5 x 12.5	11 x 11	Ø 9.7 x 22.5	8.6 x 8.6	Ø 6.7 x 24.7	Ø 13.5 x 12.6	Ø 6.7 x 24.7	Ø 13.5 x 12.6
Orientation		Front View								
Video Format	AHD	✓	✓	✓	✓	✓	✓		✓	
	CVI	✓	✓	N/A	✓	✓	✓		✓	
	TVI	✓	✓	✓	✓	✓	✓		✓	
	PVI	N/A	✓	✓	N/A	N/A	N/A		N/A	
Image Sensor		1/2.7"	1/2.9"	1/2.9"	1/5.8"	1/4"	1/5.6"		1/7"	
Resolution		1920 x 1080 @ 30 fps	1920 x 1080 @ 30 fps	1920 x 1080 @ 30 fps	1920 x 1080 @ 30 fps	1280 x 720 @ 30 fps	1920 x 1080 @ 15 fps (900p Upscaled)		1920 x 1080 @ 30 fps (F) (720p Upscaled) 1280 x 720 @ 30fps (H)	
Pixel Size (um)		3.0 x 3.0	2.8 x 2.8	2.8 x 2.8	1.4 x 1.4	2.8 x 2.8	1.75 x 1.75		1.75 x 1.75	
Image Area (mm)		5.76 x 3.24	5.40 x 3.05	5.376 x 3.024	2.69 x 1.51	3.61 x 2.04	2.8 x 1.57		2.24 x 1.26	
Sensitivity (Lux.Sec)		3.6 V	25.7 ke-	30.3 ke-	690 mV	22.5 ke-	1200 mV		1200 mV	
Dynamic Range		120 dB	64.6 dB	68.1 dB	68 dB	66.9 dB	70 dB		70 dB	
S/N Rate		41 dB	49.6 dB	43.2 dB	36 dB	43.3 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.)		170 mA (DC 12V) 330 mA (DC 5V)	80 mA (DC 12V) 150 mA (DC 5V)	170 mA (DC 12V) 330 mA (DC 5V)	80 mA	40 mA (DC 12V) 100 mA (DC 5V)	90 mA (DC 12V) 200 mA (DC 5V)		90 mA (DC 12V) 200 mA (DC 5V)	
Microphone		N/A (External Optional)								

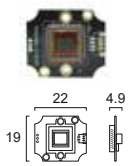
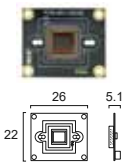
Unit: ± 0.5 mm

Feature

- Mini Size, High Resolution!
- High Sensitivity, High Performance!

Specification

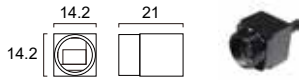
*Working temperature means the camera device, not environment temperature.

		HDR								
										
Model No.		S6210I	S6211I	B6219I	B6222I	B6226I	S41188			
Dimensions (mm)		10.3 x 10.3	11 x 11	19 x 22	Ø 22	22 x 26	8 x 8			
Orientation		Front View								
Video Format	AHD	✓	✓	✓	✓	✓	✓			
	CVI	✓	✓	✓	✓	✓	✓			
	TVI	✓	✓	✓	✓	✓	✓			
	PVI	✓	✓	✓	✓	✓	✓			
Image Sensor		1/2.9"	1/2.9"	1/2.9"	1/2.9"	1/2.9"	1/4.38"			
Resolution		1920 x 1080 @ 30 fps	1920 x 1080 @ 30 fps	1920 x 1080 @ 30 fps	1920 x 1080 @ 30 fps	1920 x 1080 @ 30 fps	1280 x 720 @ 30 fps			
Pixel Size (um)		2.8 x 2.8	2.8 x 2.8	2.8 x 2.8	2.8 x 2.8	2.8 x 2.8	2.8 x 2.8			
Image Area (mm)		5.38 x 3.02	5.38 x 3.02	5.38 x 3.02	5.38 x 3.02	5.38 x 3.02	4.11 x 4.11			
Sensitivity (Lux.Sec)		30.3 ke-	30.3 ke-	30.3 ke-	30.3 ke-	30.3 ke-	20.4 ke-			
Dynamic Range		120 dB	120 dB	120 dB	120 dB	120 dB	63.8 dB			
S/N Rate		44 dB	44 dB	44 dB	44 dB	44 dB	43.1 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.)		TBD mA (DC 12V) TBD mA (DC 5V)	TBD mA (DC 12V) TBD mA (DC 5V)	TBD mA (DC 12V) TBD mA (DC 5V)	TBD mA (DC 12V) TBD mA (DC 5V)	TBD mA (DC 12V) TBD mA (DC 5V)	TBD mA (DC 12V) TBD mA (DC 5V)			
Microphone		N/A (External Optional)								

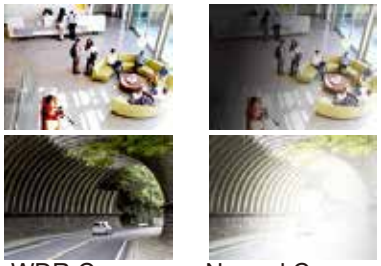
Unit: ± 0.5 mm

66114

S66114 No Lens

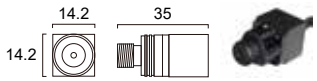


WDR (Wide Dynamic Range)
The dynamic range of the image sensor is the brightness range of the light that the sensor can acquire and output the image without loss of information.

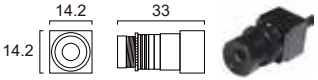


WDR Camera Normal Camera

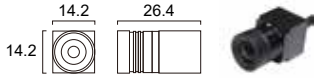
S66114-68 (68°)



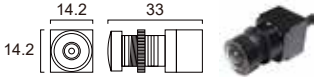
S66114-69 (69°)



S66114-93 (93°)

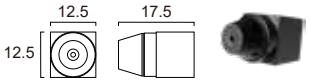


S66114-118 (118°)

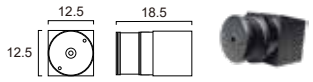


62012

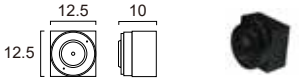
S62012-3C (86°)



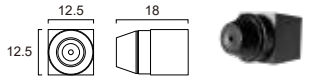
S62012-3F (87°)



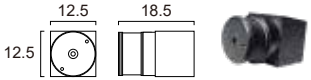
S62012-3T (91°)



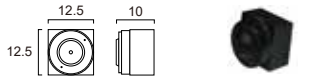
S62012-4C (71°)



S62012-4F (71°)

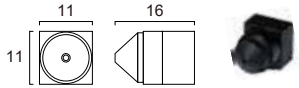


S62012-4T (76°)

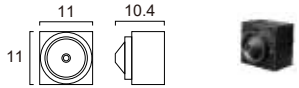


61611

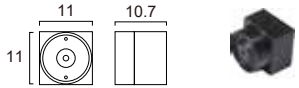
2C Lens



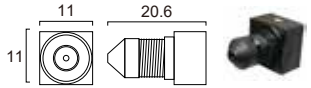
2V Lens



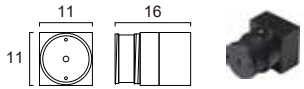
3T Lens



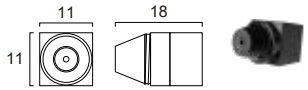
3V Lens



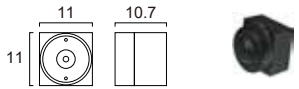
3F Lens



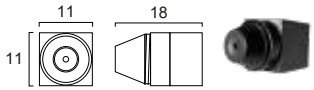
3C Lens (78°)



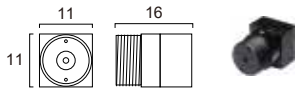
4T Lens



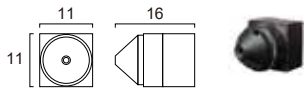
4C Lens



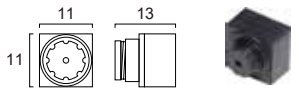
4F Lens



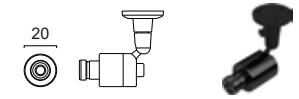
4V Lens



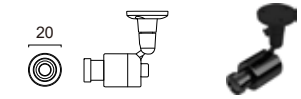
4H Lens



T61620-3.0 Lens (M10)



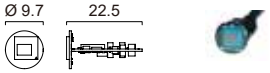
T61620-3.0 Lens (M12)



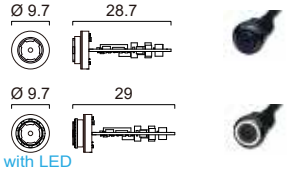
Unit: ± 0.5 mm

30809

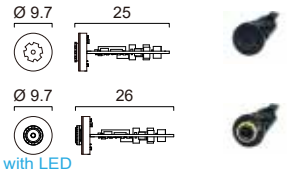
B30809 No Lens



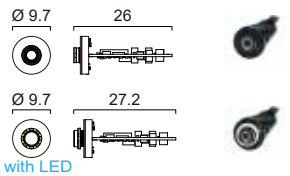
B30809-52 (52°)



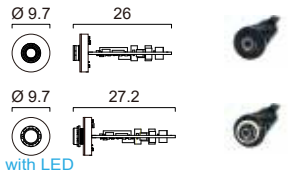
B30809-77 (77°)



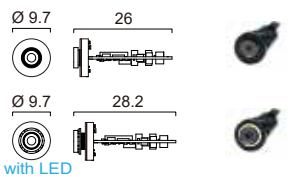
B30809-88 (88°)



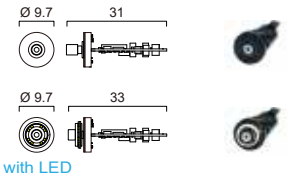
B30809-88M (88°)



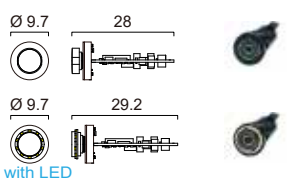
B30809-93 (93°)



B30809-120 (120°)

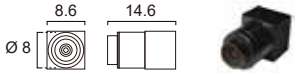


B30809-158 (158°)

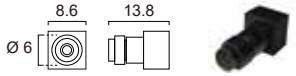


41488

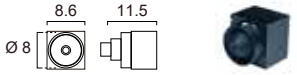
S41488-2E (104°)



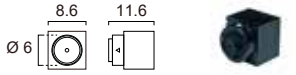
S41488-2ES (104°)



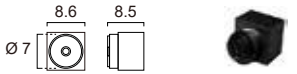
S41488-2V (79°)



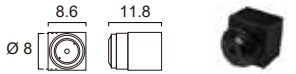
S41488-3K (79°)



S41488-3M (62°) S41488-3X6 (62°)



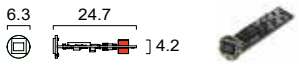
S41488-3T (67°)



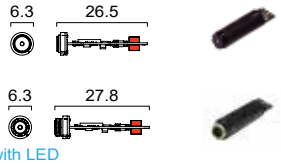
Unit: ± 0.5 mm

321A6 / 257A6

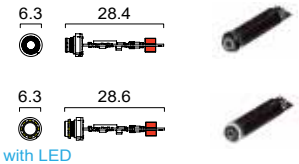
B321A6 / B257A6 No Lens



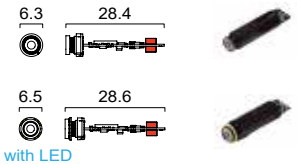
B321A6-79 (79°) B257A6-63 (63°)



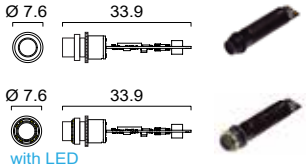
B321A6-90 (90°) B257A6-72 (72°)



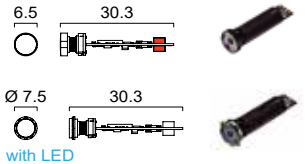
B321A6-95 (95°) B257A6-76 (76°)



B321A6-102 (102°) B257A6-81 (81°)

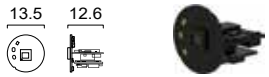


B321A6-163 (163°) B257A6-130 (130°)

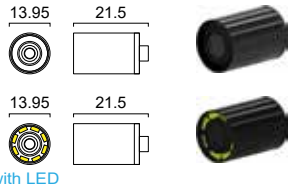


32113 / 25713

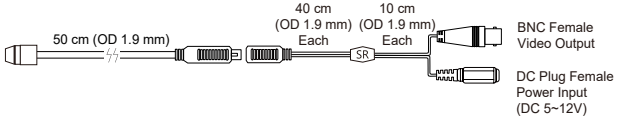
B32113 / B25713 No Lens



T25713-145 (145°)



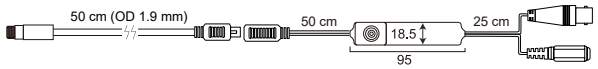
Camera with Accessory



Camera with OSD Controller



▲ S44788E-4E



Unit: ± 0.5 mm

AHD-B30809HALHW-120

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	MICROPHONE	LED	END SIDE
AHD AHD CVI CVI TVI TVI PVI PVI	Analog Signal N/A IRIS 4 Pin J Phone Jack Q M8 Waterproof F RCA / DC B BNC / DC	Front View (V)B Board Type S Forming Type T Tube Type V Tube Type *V with Dimmer	No PVI: Color / B/W / Dimensions 66114 / 661M14 / 14.2 x 14.2 30809 / 308M9 / Ø 9.7 x 22.5 41488 / 414M88 / 8.6 x 8.6 321A6F / 321AM6F / Ø 6.7 x 24.7 32113F / 321M13F / Ø 13.5 x 12.4 257A6F / 257AM6F / Ø 6.7 x 24.7 257A6H / 257AM6H / Ø 6.7 x 24.7 25713F / 257M13F / Ø 13.5 x 12.4 ALL: Color / B/W / Dimensions 62012 / 620M12 / 12.5 x 12.5 61611 / 616M11 / 11 x 11 6210I / - / 10.3 x 10.3 6211I / / 11 X 11 *E with OSD Controller *F 1080p Resolution *H 720p Resolution *I HDR	N/A None A External	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

LENS

Code	Specification	257A6	321A6	30809	66114
		View Angle			
Check Note*	0.77 mm / F 4.0	145°	N/A	N/A	N/A
	0.77 mm / F 2.4				
	1.523 mm / F 4.8	130°	163°	158°	N/A
	1.523 mm / F 6.0				
	1.523 mm / F 8.0				
	1.06 mm / F 4.5	130°	147°	120°	N/A
	0.941 mm / F 4.5	125°	N/A	N/A	N/A
	1.418 mm / F 4.0	86°	N/A	N/A	N/A
	1.50 mm / F 4.0	76°	95°	93°	N/A
	1.50 mm / F 5.7				
	1.55 mm / F 5.7	72°	90°	88°	N/A
	1.55 mm / F 8.0				
	1.86 mm / F 4.0	70°	82°	88°	N/A
	1.86 mm / F 5.0				
	1.86 mm / F 6.0				

Code	Specification	257A6	321A6	30809	66114
		View Angle			
Check Note*	1.83 mm / F 2.0	63°	79°	77°	N/A
	1.83 mm / F 5.0				
	1.83 mm / F 8.0				
	2.3 mm / F 2.6	81°	102°	84°	N/A
	2.3 mm / F 4.0				
	2.3 mm / F 5.0				
	2.3 mm / F 7.0				
	2.4 mm / F 2.6	N/A	N/A	N/A	118°
	3.18 mm / F 2.8	N/A	N/A	N/A	93°
	3.4 mm / F 2.8	41°	50°	52°	N/A
	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	Specification	41488	62012	6200
		View Angle		
2E	2.3 mm / F 2.6	104°	132°	N/A
2ES	2.3 mm / F 2.6			
2C	2.5 mm / F 2.5	N/A	N/A	101°
3K	2.8 mm / F 3.9	79°	95°	N/A
2V	2.83 mm / F3.9			
3T	3.1 mm / F 3.4	67°	91°	N/A
3T	3.4 mm / F 3.4			
3M	3.4 mm / F 2.8	62°	N/A	N/A
3X	3.4 mm / F 2.8			
3X6	3.4 mm / F 6.0			
3A	3.6 mm / F 4.5	59°	N/A	N/A
3F	3.7 mm / F 2.0	58°	87°	N/A

Code	Specification	41488	62012	61611
		View Angle		
3.0	3.0 mm / F 2.0	N/A	N/A	91°
3C	3.8 mm / F 2.0	57°	86°	78°
4T	3.9 mm / F 3.9	55°	76°	N/A
4E	4.0 mm / F 2.0	54°	75°	N/A
4G	4.0 mm / F 2.0			
4C	4.3 mm / F 2.0	51°	71°	N/A
4F	4.3 mm / F 2.0			
4H	4.5 mm / F 2.8	49°	69°	N/A
6F	6.38 mm / F 4.4	36°	51°	N/A

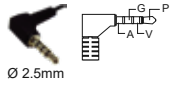
* Code represents view angle.
* 88° View Angle of 30809's code is 88M

* 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



IRIS 4 Pin



Phone Jack



M8 Waterproof


RCA / DC

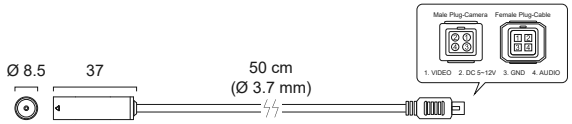

BNC / DC

NOTE:
G GND
A AUDIO
P DC POWER
V VIDEO

Unit: ± 0.5 mm

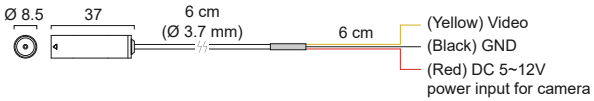
Customize





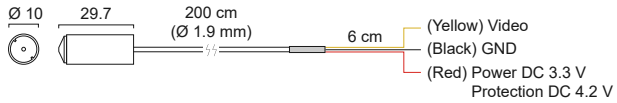
▲ AHD-T257A8H-40-(xx)
(IP68)





▲ AHD-T257A8HC-40-(xx)
(IP68)





▲ AHD-R30810C-45-(xx)