









## AIR-S Series Day/Night IR Camera

### Quick Reference and Ordering Guide:

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	AIR-S100RDN/P-4X	Indoor Vandal Dome, 10M IR distance, 420TVL, f=4.3mm	4
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	AIR-S150FBTN-4X	Outdoor Box Type IR Camera, IP67, 10~15M IR distance, 420TVL, 12VDC, f=4.3mm	6
	AIR-S150FBTHN-4X	Outdoor Box Type IR Camera, IP67, 10~15M distance, 540TVL, 12VDC, f=4.3mm	6
	AIR-S400VBTHN/P	True D/N Outdoor Box Type IR Camera, IP67, 540TVL, Mechanical IR Cut Filter, IP67, 12VDC, 2.9~10mm lens,, 20~40M IR distance	7



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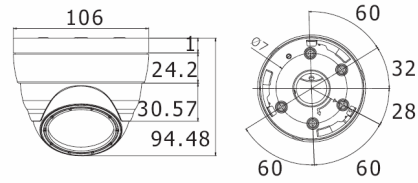
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Website: www.auviss.com

# Indoor Dome Type IR D/N Camera



## Dimension:



Tol: ±0.5 Unit:mm

## Optional Wall Mount Bracket:



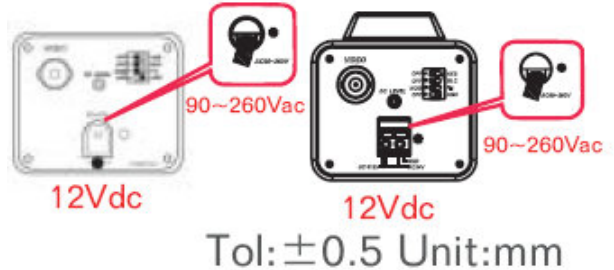
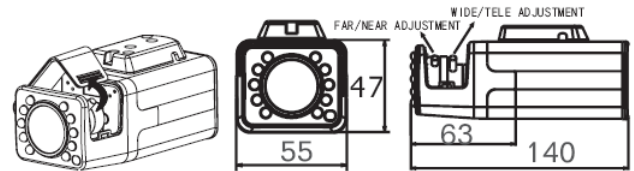
## Specification

Model	AIR-S100FDHN	AIR-S100FDHP	AIR-S100FDN	AIR-S100FDP
Image Device	SONY 1/3" SuperHAD CCD			
Total Pixels	NTSC : 811(H) x 508(V)	PAL : 795(H) x 596(V)	NTSC : 537(H) x 505(V)	PAL : 537(H) x 597(V)
Sync. System	Internal			
Resolution	540 TV Lines (Horizontal)		420 TV Lines (Horizontal)	
Minimum Illumination	0.4 Lux / F2.0 (W/O IR), 0Lux (W/IR) IR LED On at 4Lux			
Electronic Shutter	Auto, 1/60(50) ~ 1/100,000 sec			
Back Light Compensation	Auto			
S/N Ratio	More Than 48dB (AGC Off)			
Gamma Correction	0.45			
Gain Control	Auto			
White Balance	Auto, 2,500 <sup>0</sup> K~9,500 <sup>0</sup> K		3,200 <sup>0</sup> K~9,200 <sup>0</sup> K	
Video Output	1.0 Vp-p / 75Ω, Composite			
Lens/Angle of View	Standard: f4.3mm/F2.0/63 <sup>0</sup> , Options:f3.6mm/72.5 <sup>0</sup> , f6.0/47.5 <sup>0</sup> , f8.0mm/36.5 <sup>0</sup>			
IR LED / Wavelength	24 Unit IR-LED, Life: 6000Hrs, 850nm			
<b>IR Working Distance</b>	<b>10~15M</b>			
Power Supply	12VDC			
Power Consumption	2.4W/4.2W (IR Off/On)		1.8W/3.6W (IR Off/On)	
Operating Temp.	-10°C ~ + 50°C			
Operating Humidity	< 85%RH (no condensation)			
Outline Dimension (mm)	106 (DIA) x 94.48 (H)			
Weight	275g			

Mechanical IR Cut Filter



**Dimension:**



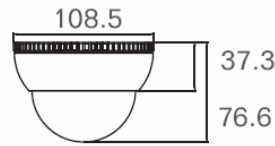
**Specification**

Model	AIR-S100VBTHN	AIR-S100VBTHP	AIR-S100VBTN	AIR-S100VBTP
Image Device	SONY 1/3" SuperHAD CCD			
Total Pixels	NTSC : 811(H) x 508(V)	PAL : 795(H) x 596(V)	NTSC : 537(H) x 505(V)	PAL : 537(H) x 597(V)
Sync. System	Internal			
Resolution	540 TV Lines (Horizontal)		420 TV Lines (Horizontal)	
Minimum Illumination	0.1 Lux / F1.2 (W/O IR), 0Lux (W/IR) IR LED On at 2Lux			
Auto IRIS Control	Built-in Auto IRIS DC Drive Lens			
Back Light Compensation	On/Off Switchable			
S/N Ratio	More Than 50dB (AGC Off)		More Than 48dB (AGC Off)	
Gamma Correction	0.45			
F.L (Flickerless)	On/Off Switchable			
Auto Gain Control	On/Off Switchable			
Auto White Balance	AWB		ATW	
Video Output	1.0 Vp-p / 75Ω, Composite			
Lens/Angle of View	Standard:f2.9mm~10mm/F1.2 Aspherical D/N Lens / 94.6°~28.8°			
IR LED / Wavelength	10 Unit IR-LED, Life: 6000Hrs, 850nm			
<b>IR Working Distance</b>	<b>10~15M (Indoor)</b>			
Power Supply	12VDC; 90~260VAC Optional			
Power Consumption	2.7W/4.5W (IR Off/On)		1.8W/3.5W (IR Off/On)	
Operating Temp.	-10°C ~ + 50°C			
Operating Humidity	< 85%RH (no condensation)			
Outline Dimension (mm)	55 (W) x 47 (H) x 140 (L)			
Weight	12VDC: 300g, 90~260VAC: 400G			

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**Dimension:**



Tol: ±0.5 Unit:mm

**Optional Wall Mount Bracket**



**Specification**

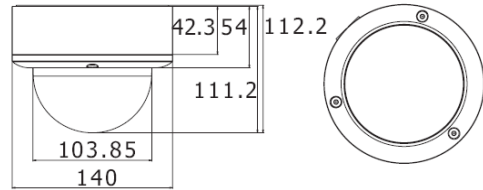
Model	AIR-S100RDHN	AIR-S100RDHP	AIR-S100RDN	AIR-S100RDP
Image Device	SONY 1/3" SuperHAD CCD			
Total Pixels	NTSC : 811(H) x 508(V)	PAL : 795(H) x 596(V)	NTSC : 537(H) x 505(V)	PAL : 537(H) x 597(V)
Sync. System	Internal			
Resolution	<b>540 TV Lines (Horizontal)</b>		<b>420 TV Lines (Horizontal)</b>	
Minimum Illumination	0.4Lux at F2.0 (w/o IR), 0Lux (W/IR) IR LED On at 2Lux			
Electronic Shutter	Auto, 1/50(60)~1/100,000			
Gain Control	Auto			
S/N Ratio	More Than 48dB (AGC Off)			
Gamma Correction	0.45			
White Balance	Automatic 2,500K~9,500K			
Video Output	1.0 Vp-p / 75Ω, Composite			
Lens/Angle of View	Standard: 4.3mm/F2.0 Board Lens Options: 6.0mm/8.0mm/12mm F2.0			
IR LED	12 Unit IR-LED / Life 6000Hrs			
<b>Max. Breaking Strength</b>	<b>10 pounds</b>			
<b>IR Working Distance</b>	<b>10 Meters</b>			
Power Supply	12VDC, 12VDC/24VAC Optional			
Power Consumption	1.7W/3.4W (IR Off/On)			
Operating Temp.	-10°C ~ + 50°C			
Outline Dimension (mm)	108.5 (DIA) x 76.6 (H)			
Weight	420g			



Mechanical IR Cut Filter



**Dimension:**



Tol: ±0.5 Unit:mm

**Optional Wall Mount / Ceiling Mount Bracket**

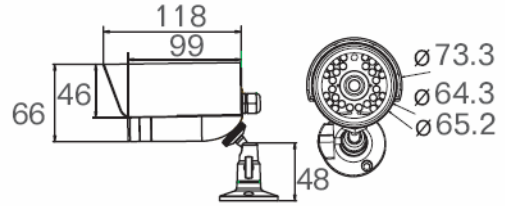


**Specification**

Model	AIR-S200RDHN	AIR-S200RDHP
Image Device	SONY 1/3" SuperHAD CCD	
Total Pixels	NTSC : 811(H) x 508(V)	PAL : 795(H) x 596(V)
Sync. System	Internal	
Resolution	<b>540 TV Lines (Horizontal)</b>	
Minimum Illumination	0Lux (W/IR) IR LED On at 2Lux	
AES	On/Off Switchable	
Back Light Compensation	On/Off Switchable	
F.L (Flickerless)	On/Off Switchable	
Auto Gain Control	On/Off Switchable	
S/N Ratio	More Than 50dB (AGC Off)	
Gamma Correction	0.45	
White Balance	Auto	
Video Output	1.0 Vp-p / 75Ω, Composite	
Lens/Angle of View	Standard: f2.9-10mm/F1.2 Varifocal, Aspherical D/N Auto IRIS Lens, 94.6°-28.8°	
IR LED / Wavelength	10 Unit High Power IR-LED	
<b>Max. Breaking Strength</b>	<b>656.1Kgf</b>	
<b>IR Working Distance</b>	<b>20 Meters</b>	
Power Supply	12VDC	
Power Consumption	2.3W/4.2W (IR Off/On)	
Operating Temp.	-10°C ~ + 50°C	
Outline Dimension (mm)	112.2 (DIA) x 140 (H)	
Weight	950g	



**Dimension:**



**Specification**

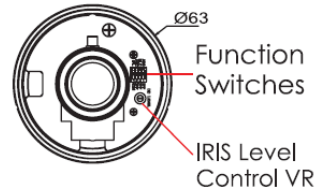
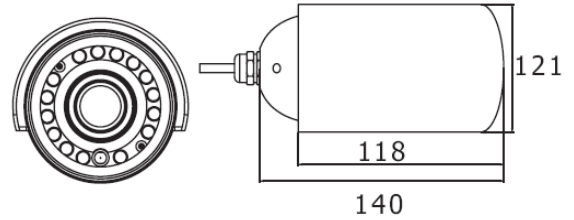
Model	AIR-S150FBTHN	AIR-S150FBTHP	AIR-S150FBTN	AIR-S150FBTP
Image Device	SONY 1/3" SuperHAD CCD			
Total Pixels	NTSC : 811(H) x 508(V)	PAL : 795(H) x 596(V)	NTSC : 537(H) x 505(V)	PAL : 537(H) x 597(V)
Sync. System	Internal			
Resolution	<b>540 TV Lines (Horizontal)</b>		<b>420 TV Lines (Horizontal)</b>	
Minimum Illumination	0.4 Lux / F2.0 (W/O IR), 0Lux (W/IR) IR LED On at 2 Lux			
S/N Ratio	More Than 48dB (AGC Off)			
Gamma Correction	0.45			
Back Light Compensation	Auto			
Electronic Shutter	Auto, 1/50(60)~1/100,000 sec			
Auto Gain Control	Auto			
White Balance	3,200 <sup>0</sup> ~9,200 <sup>0</sup> K			
Video Output	1.0 Vp-p / 75Ω, Composite			
Lens/Angle of View	Standard: f4.3mm/F2.0/63 <sup>0</sup> ;Options: f3.6mm/72.5 <sup>0</sup> , f6.0mm/47.5 <sup>0</sup> , f8.0mm/36.5 <sup>0</sup>			
IR LED / Wavelength	24 Unit IR-LED, Life: 6000Hrs, 850nm			
<b>IR Working Distance</b>	<b>Indoor 15M, Outdoor: 10M</b>			
Power Supply	12VDC			
Power Consumption	4.1W, 340mA / 2.2W, 185mA (IR Off/On)		3.9W, 320mA / 1.7W, 140mA (IR Off/On)	
Operating Temp.	-10°C ~ + 50°C			
Operating Humidity	< 85%RH (no condensation)			
Outline Dimension (mm)	66 (DIA) x 118 (L)			
Weight	470g			



Mechanical IR Cut Filter



**Dimension:**



Tol: ± 0.5 Unit:mm

**Specification**

Model	AIR-S400VBTHN	AIR-S400VBTHP
Image Device	SONY 1/3" SuperHAD CCD	
Total Pixels	NTSC : 811(H) x 508(V)	PAL : 795(H) x 596(V)
Sync. System	Internal	
Resolution	540 TV Lines (Horizontal)	
Minimum Illumination	0.2 Lux / F1.2 (W/O IR), 0Lux (W/IR) IR LED On at 4Lux	
S/N Ratio	More Than 50dB (AGC Off)	
Gamma Correction	0.45	
Back Light Compensation	ON/OFF (Switchable)	
F.L (Flickerless)	ON/OFF (Switchable)	
Auto Gain Control	ON/OFF (Switchable)	
White Balance	AWB	
Video Output	1.0 Vp-p / 75Ω, Composite	
Lens/Angle of View	Standard: f2.9~10mm/F1.2 Aspherical D/N Les /94.6 <sup>0</sup> ~28.8 <sup>0</sup> Options:f9-22mm/F2.0 Auto IRIS Les /29.2 <sup>0</sup> ~13 <sup>0</sup>	
IR LED / Wavelength	12 units (High Power Reflection LEDs ( LEDs on<2Lux, off>5Lux);Indoor: 20~40m Outdoor: 25~35m	
IR Working Distance	Indoor: 30-40M, Outdoor: 20-30M	
Power Supply	12VDC	
Power Consumption	12Vdc ; IR on: 4.4W(365mA) IR off: 2.7W(225mA)	
Operating Temp.	-10°C ~ + 50°C	
Operating Humidity	< 85%RH (no condensation)	
Outline Dimension (mm)	73 (DIA) x 140 (L)	
Weight	490g	