

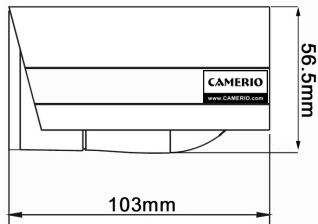
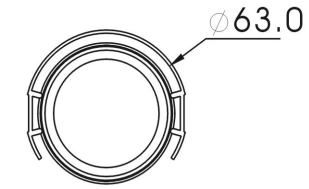
CAMERIO IR Cameras



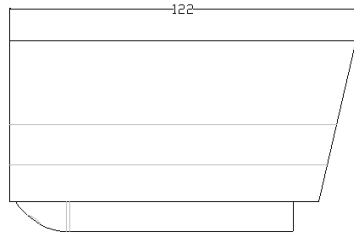
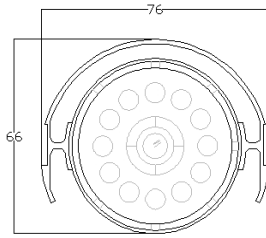
	Weather Proof IR Camera		Weather Proof IR Camera		Weather Proof Day / Night IR Camera	Long Range IR Camera	Long Range IR Camera	IR Dome Camera		Outdoor IR Dome Camera			Outdoor IR Dome Camera
Model	SF281	SF281S	SF287	SF287S	SF399	SF485	SF489	DF183	DF187	DF283	DF286	DF287	DF288
Pick Up Device	1/3" interline transfer CCD		1/3" interline transfer CCD		1/3" interline transfer CCD	1/3" interline transfer CCD	1/3" interline transfer CCD	1/3" interline transfer CCD		1/3" interline transfer CCD			1/3" interline transfer CCD
Horizontal Resolution	420 TVL		540 TVL		540 TVL	540 TVL	480 TVL	380 TVL	520 TVL	420 TVL	480 TVL	540 TVL	540 TVL
Lens	3.6mm	6mm	3.6mm	6mm	2.9 ~ 10mm (Aspherical IR lens)	4 ~ 9mm (Aspherical IR lens)	9 ~ 22mm (Aspherical IR lens)	3.6mm		3.6mm			2.9mm ~ 10mm (Aspherical IR lens)
View Angle (Horizontal)	68°	55°	68°	55°	28° ~ 88°	40° ~ 65°	16.2° ~ 40.6°	68°		68°			28.8° ~ 94.6°
Auto-iris Lens	-		-		Yes	Yes	Yes	-		-			Yes
Auto IR-cut Filter	-		-		Yes	Yes	Yes	-		-			Yes
IR LED / Effective Range	23 infrared LEDs / ~15m		36 infrared LEDs / ~20m		15 infrared LEDs / ~20m	48 infrared LEDs / ~30m	40 infrared LEDs / ~40m	22 infrared LEDs / ~15m		23 infrared LEDs / ~15m			10 infrared LEDs / ~15m
Min. Illumination	0.5 Lux / F1.2 (IR OFF) 0.0 Lux (IR ON)		0.1 Lux / F1.2 (IR OFF) 0.0 Lux (IR ON)		0.13 Lux / F1.3 (IR OFF) 0.0 Lux (IR ON)	0.5 Lux / F1.2 (IR OFF) 0.0 Lux (IR ON)	0.01 Lux / F1.2 (IR OFF) 0.0 Lux (IR ON)	0.1 Lux / F1.2 (IR OFF) 0.0 Lux (IR ON)	0.5 Lux / F1.2 (IR OFF) 0.0 Lux (IR ON)	0.5 Lux / F1.2 (IR OFF) 0.0 Lux (IR ON)	0.1 Lux / F1.2 (IR OFF) 0.0 Lux (IR ON)	0.13 Lux / F1.3 (IR OFF) 0.0 Lux (IR ON & IR filter removed)	
Weather Proof Standard	IP66		IP66		IP67	IP66	IP66	-		IP66			IP66
Electronic Shutter	1/50 (1/60) to 1/100,000 sec		1/50 (1/60) to 1/100,000 sec		1/50 (1/60) sec	1/50 (1/60) sec	1/50 (1/60) sec	1/50 (1/60) to 1/100,000 sec		1/50 (1/60) to 1/100,000 sec			1/50 (1/60) sec
Electronic Shutter Control	Built-in		Built-in		On / Off switchable	Built-in	On / Off switchable	Built-in		Built-in			On / Off switchable
Back Light Compensation	-		-		On / Off switchable	On / Off switchable	On / Off switchable	Built-in		-			On / Off switchable
S/N Ratio	More than 48dB (AGC off)		More than 48dB (AGC off)		More than 48dB (AGC off)	More than 48dB (AGC off)	More than 45dB (AGC off)	More than 48dB (AGC off)	More than 45dB (AGC off)	More than 48dB (AGC off)			More than 50dB (AGC off)
White Balance	Auto		Auto		Auto	ATW / AWB / Fixed / Manual	Auto	Auto		Auto			AWB
Video Output	1.0 Vp-p, 75Ω		1.0 Vp-p, 75Ω		1.0 Vp-p, 75Ω	1.0 Vp-p, 75Ω	1.0 Vp-p, 75Ω	1.0 Vp-p, 75Ω		1.0 Vp-p, 75Ω			1.0 Vp-p, 75Ω
Auto Gain Control	Yes		Yes		Yes	On / Off switchable	On / Off switchable	Yes		Yes			On / Off switchable
Power Source	DC 12V / 120 mA (IR OFF) 400 mA (IR ON)		DC 12V / 120 mA (IR OFF) 400 mA (IR ON)		DC 12V / 200 mA (IR OFF) 500 mA (IR ON)	DC 12V / 200 mA (IR OFF) 600 mA (IR ON)	DC 12V / AC 24V	DC 12V / 160 mA (IR OFF) 340 mA (IR ON)	DC 12V / 160 mA (IR OFF) 380 mA (IR ON)	DC 12V / 120 mA (IR OFF) 400 mA (IR ON)			DC 12V / 200 mA (IR OFF) 500 mA (IR ON)
Operating Temperature	-20°C ~ +50°C		-20°C ~ +50°C		-10°C ~ +50°C	-20°C ~ +50°C	-10°C ~ +50°C	-20°C ~ +50°C	-10°C ~ +50°C	-20°C ~ +50°C			-10°C ~ +50°C
Humidity	-		-		-	-	-	< 90%		-			-
Weight (g)	280		520		500	1360	2000	250		570			950

CAMERIO IR Cameras Dimensions (mm)

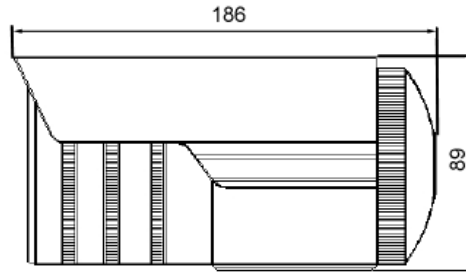
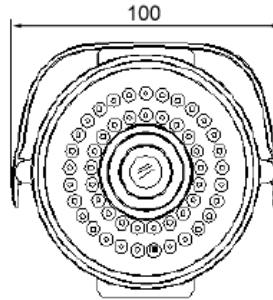
SF281 / SF281S



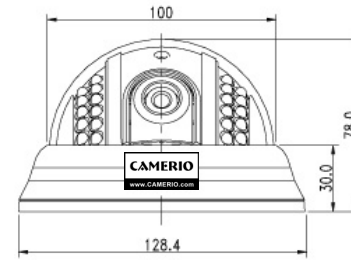
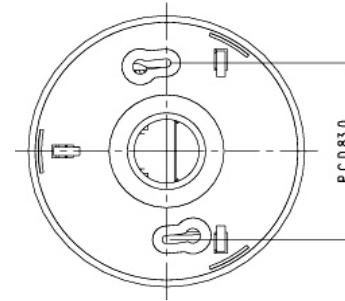
SF287 / SF287S



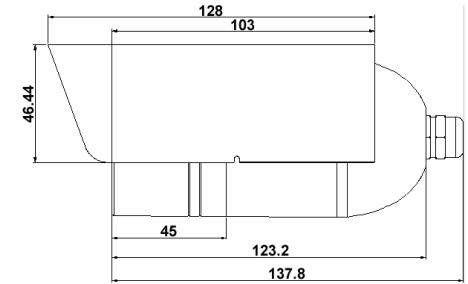
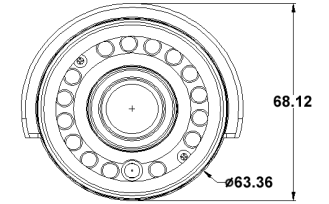
SF485



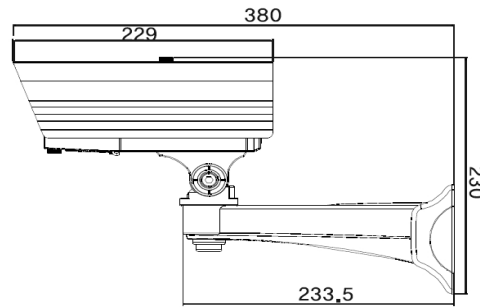
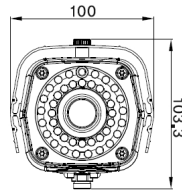
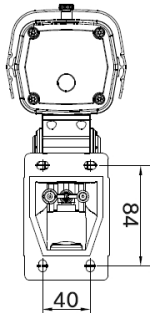
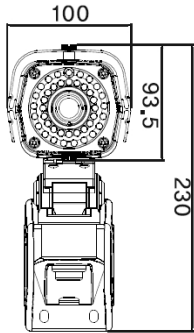
DF183 / DF187



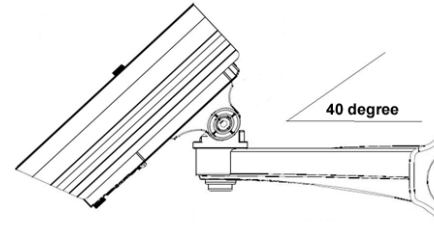
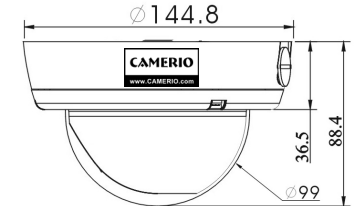
SF399



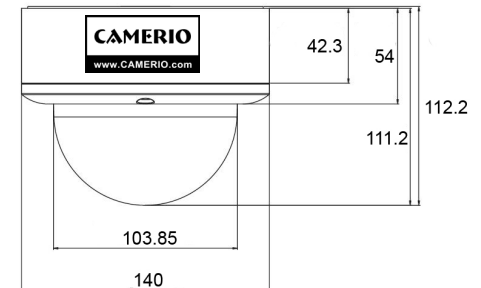
SF489



DF283 / DF286 / DF287



DF288



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