

1/3" 1.3 MEGAPIXEL SONY PROGRESSIVE SENSOR

- 1100 TVL RESOLUTION
- 0,01 LUX (AGC On, IE Off)
- SMART IR FEATURE
- DIGITAL WIDE DYNAMIC RANGE
- IMPACT RESISTANT



With simplicity comes sophistication – The **Raphael** series brings the beauty of true high definition video into the world of analog camera technology.

The **Raphael series** embodies superb clarity and the highest visual achievement possible in video surveillance. Powered by a 1/3" 1.3 Megapixel Sony Progressive Image Sensor and our new "Raphael" DSP, these cameras produce an astonishing 1100TVL resolution with unmatched color reproduction. Bring any environment to life with more pixel density than ever before, allowing users to see even the smallest details. Enhanced 3D noise reduction and an extended dynamic range ensures accurate textures and sharp images for every angle. With Smart IR, the intensity of the LED's will increase or decrease depending on the distance of the objects the camera can see, this makes the picture at 0 lux clearer

Each Raphael comes with an array of great features. Durable Super Flux IR LED's make them ideal for night-time monitoring, and an onboard OSD control allows users to make adjustments to get the best picture in any environment. Its aesthetically pleasing IP66 rated concealed bullet camera design makes for easy installation for both indoor and outdoor applications.

OPTICAL INFORMATIC	N	
IMAGE SENSOR	1/3" 1.3 Megapixel Sony Progressive Sensor	
SIGNAL SYSTEM	NTSC	
CAMERA TYPE	Color Day/Night with ICR filter	
RESOLUTION	1100TVL	
MINIMUM ILUMINATION	0.01 Lux (AGC On, IE Off) / 0 Lux with IR On	
DYNAMIC RANGE	Digital Wide Dynamic Range	
WHITE BALANCE	Auto/Manual	
AGC	Auto/Fixed	
BLC	Auto	
ELECTRONIC SHUTTER	Auto	
DIGITAL NOISE REDUCTION	3D Noise Reduction (On/Off)	
OSD/CONTROL MODE	Yes, User Friendly ODS	
Mirror	Horizontal & Vertical	
Privacy Masking	8 User defined Windows	
Zoom	2x Zoom	
Motion Detection	4 areas	
VIDEO OUTPUT	BNC	

LENS		
LENS TYPE	3.6mm board mount IR Corrected	
ANGULE OF VIEW	72 degrees	
IRIS CONTROL	Auto	
IR ILUMINATION		
SMART IR	Yes, IR Correction	
INFRARED WAVELENGHT	10pc Super Flux LED 850nm	
INFRARED LAMP	40ft.	
IRRADIATION DISTANCE		
MECHANICAL		
DIMENSIONS	194mm long, 62mm diameter	
WEIGHT	360g (.78lb)	
3 AXIS DESIGN	Yes	
VANDAL PROOF	Impact Resistant	
ENVIRONMENTAL		
OPERATING TEMPERATURE	14F to 131F (-10C to 55C)	
OPERATING HUMIDITY	10% - 85% RH	
ENVIRONMENTAL	IP66	
PROTECTION		

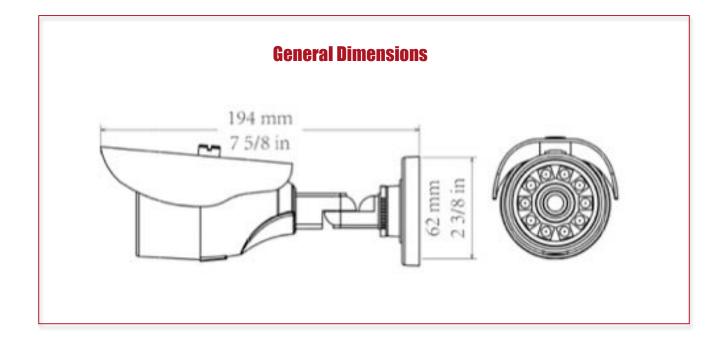
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ELECTRICAL	
INPUT VOLTAGE	12VDC @ 100mA (275mA IR ON)
POWER CONSUMPTION	<5W,100mA

CERTIFICATIONS		
CE	Yes	
FCC	Yes	
RoHS Compliant	Yes	



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