

## Model: CAM231

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720P 1.0 Megapixel IR-Bullet Network Camera

### Features

1/4" 1.0 Megapixel Progressive Scan OV CMOS

H.264 & MJPEG dual-stream encoding

Max 30fps@1.0Megapixels (1280x720)

WDR, Day/Night (ICR), AWB, AGC, BLC

Multiple network monitoring: Web viewer, CMS, Smart phone

2.8-12mm Manual Varifocal

Max. IR LEDs Length 30M

Support defogging

Support image rotation 90° or 270°

IP66

POE



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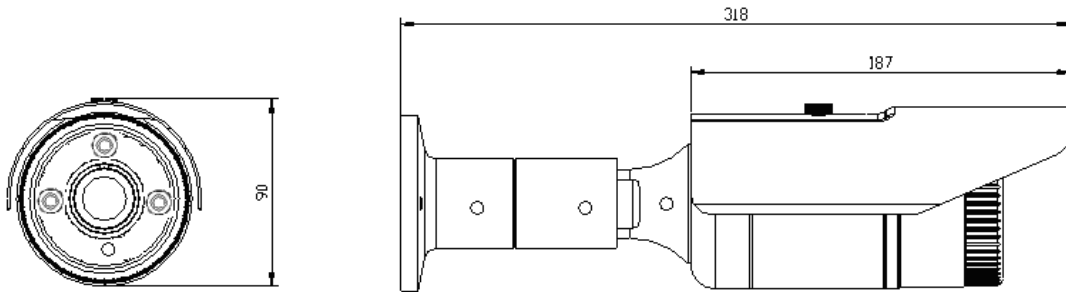
## Specification

Model	IR	IP66	POE	LENS
<b>CAM231</b>	Yes	Yes	Yes	2.8-12mm VF Lens
<b>Camera</b>				
Image Sensor	1/4" 1.0 Megapixel Progressive Scan OV CMOS			
Effective Pixels	1280x720			
Scanning System	Progressive			
Electronics Shutter Speed	Auto (1/25,1/30 ~ 1/10000s)			
Min. Illumination	0.1Lux/F1.2 (Color), 0.05Lux/F1.2(B/W); 0Lux/F1.2 (IR on)			
S/N Ratio	>50dB			
<b>Camera Features</b>				
Max. IR LEDs Length	20-30M			
Day/Night	Auto (ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / WDR (digital)			
White Balance	Auto			
Gain Control	Auto			
Noise Reduction	2D, 3D			
Privacy Masking	Up to 4 Areas			
<b>Lens</b>				
Focal Length	2.8-12mm VF Lens			
Max Aperture	F1.4			
Focus Control	Manual			
Angle of View	92°~ 27°			
Lens Type	Manual Iris			
Mount Type	Board-in Type			
<b>Video</b>				
Compression	H.264 Main Profile, Baseline / MJPEG			
Resolution	1280x720 ; 640x480, 320x240, 160x112			
Frame Rate	Preferred Stream	1280x720 (1~25/30fps)		
	Alternate Stream	640x480, 320x240, 160x112 (1~25/30fps)		
Bit Rate	32KB ~16Mbps, support VBR, CBR			
<b>Network</b>				
Ethernet	RJ-45 (10/100Base-T)			
Protocol	IPv4/IPv6, HTTP, TCP/IP, UDP, RTP, RTCP, UPNP, RTSP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP,			
ONVIF	ONVIF Ver. 2.0			
Max. User Access	10 users			
Smart Phone	iPhone, iPad, Android, Symbian			
<b>General</b>				
Power Supply	DC12V, POE (802.3af)			
Power Consumption	≤6W			

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Working Environment	-20 °C ~ 60°C
Ingress Protection	IP66,
Dimensions	318mm ×110mm ×90mm
Weight	0.7KG
Warranty	1 Year Advance Replacement

## Dimensions (mm)



## Interfaces:

