



Model: CAM232 & CAM233/CAM233Z

1080P Full HD IR-Bullet Network Camera

Features

- 1/2.8" 2.1 Megapixel Progressive Scan Sony CMOS
- H.264 & MJPEG dual-stream encoding
- Max 30fps@1080P (1920x1080)
- WDR, Day/Night (ICR), AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS, Smart phone
- 4mm Fixed or 2.8-12mm Manual Varifocal or Motorized Lens
- Max. IR LEDs Length 30M
- IP66
- POE



**Shown with included back box mount*

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Specification

Model	IR	IP66	POE	LENS
CAM232	Yes	Yes	Yes	4mm Fixed
CAM233	Yes	Yes	Yes	2.8-12mm Varifocal
CAM233Z	Yes	Yes	Yes	2.8-12mm Motorized
Camera				
Image Sensor	1/2.8" 2.1 Megapixel Progressive Sony CMOS			
CPU	HI3516C with 500MHZ			
Effective Pixels	1920x1080			
Scanning System	Progressive			
Electronics Shutter Speed	Auto (1/25,1/30 ~ 1/10000s)			
Min. Illumination	0.05Lux/F1.2 (Color), 0.005Lux/F1.2(B/W); 0Lux/F1.2 (IR on)			
S/N Ratio	>50dB			
Camera Features				
Max. IR LEDs Length	30m			
Day/Night	Auto (ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / WDR (digital)			
White Balance	Auto			
Gain Control	Auto			
Noise Reduction	3D			
Privacy Masking	Up to 4 Areas			
Lens				
Focal Length	4mm or 2.8-12mm			
Max Aperture	F1.4			
Focus Control	Manual or Motorized			
Angle of View	92°~ 27°			
Lens Type	Manual Iris			
Mount Type	Board-in Type			
Video				
Compression	H.264 Main Profile, Baseline / MJPEG			
Resolution	1920x1080, 1280x720 ; 640x320, 320x160, 160x112			
Frame Rate	Preferred Stream	1920x1080(1~25/30fps), 1280x720 (1~25/30fps)		
	Alternate Stream	640x320, 320x160, 160x112 (1~25/30fps)		
Bit Rate	32KB ~16Mbps, support VBR, CBR			
Network				
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	5 users			
Smart Phone	iPhone, iPad, Android, Symbian			
General				

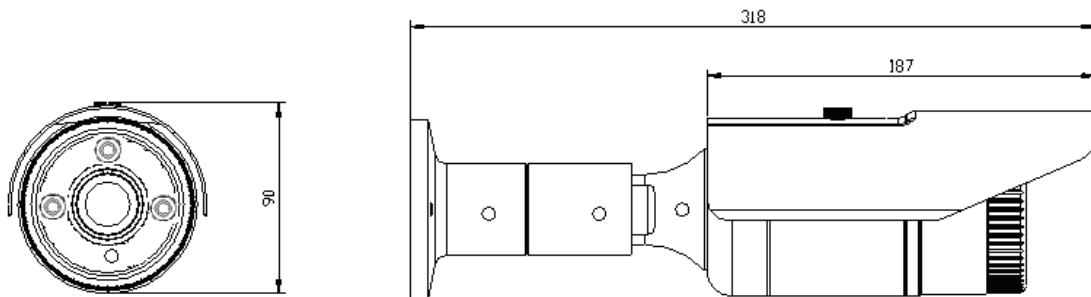
White Box



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Power Supply	DC12V, POE (802.3af)
Power Consumption	≤6W
Working Environment	-20 °C ~ 60°C
Ingress Protection	IP66,
Dimensions	318mm ×110mm ×90mm
Weight	0.7KG
Warranty	1 Year Advanced Replacement

Dimensions (mm)



Interfaces:

