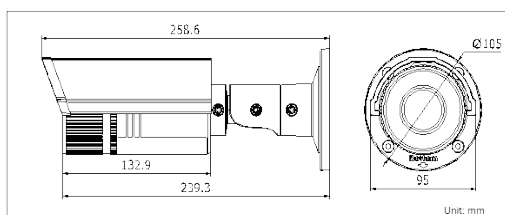




### Key features

- 1.3MP / 3MP high resolution
- HD real-time video
- Vari-focal lens
- IR range: up to 30m
- DWDR & 3D DNR & BLC
- IP66
- Onboard storage (up to 64GB)
- (-S) Audio I/O, Alarm I/O

### Dimensions



BAN-B-VF	
<b>Camera</b>	
Image sensor	1/3" progressive scan CMOS
Min. illumination	0.01 lux @F1.2, AGC ON, 0 lux with IR
Shutter time	1/25s (1/30s) ~ 1/100,000s
Lens	2.8 - 12 mm @F1.4, angle of view: 80° ~ 28.7°
Lens mount	Φ14
Day & night	ICR
Digital noise reduction	3D DNR
Wide dynamic range	Digital WDR
Backlight compensation	Yes, zone configurable
<b>Compression Standard</b>	
Video compression	H.264 / MJPEG
H.264 codec profile	Main profile
Bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726 / MP2L2
Audio bit rate	64 Kbps (G.711) / 16 Kbps (G.726) / 32-128 Kbps (MP2L2)
<b>Image</b>	
Max. Image Resolution	1280 × 960
Frame rate	50 Hz: 25 fps (1280 × 960), 25 fps (1280 × 720), 25 fps (704 × 576), 25 fps (640 × 480) 60 Hz: 30 fps (1280 × 960), 30 fps (1280 × 720), 30 fps (704 × 576), 30 fps (640 × 480)
Image settings	Rotate mode, Saturation, brightness, contrast, sharpness adjustable through client software or web browser
ROI	Yes, up to 4 configurable areas
<b>Network</b>	
Network storage	NAS
Alarm trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage full, Storage error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
System compatibility	ONVIF, PSIA, CGI, ISAPI
General functionalities	User authentication, watermark, dual stream
<b>Interface</b>	
Communication interface	1 RJ45 10 M / 100 M Ethernet port
Onboard storage	Built-in Micro SD / SDHC / SDXC card slot, up to 64 GB
<b>General</b>	
Operating conditions	-30 °C ~ 60 °C (-22°F ~ 140 °F) humidity 95% or less (non-condensing)
Power supply	12 VDC ± 10% , PoE (802.3af)
Power consumption	Max. 5.5W (7.5W with ICR on)
Ingress protection level	IP66
IR range	Up to 30m
Dimensions	95×105×258.6 mm (3.74" × 4.13" × 10.18")
Weight	1200g