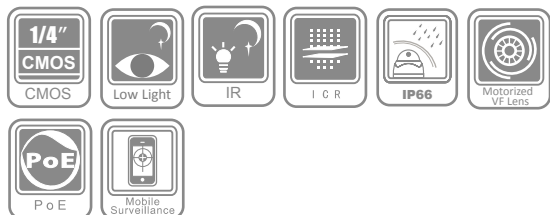


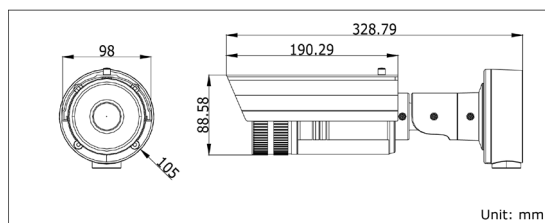
# DS-2CD8233F-EI(Z) VGA IR Bullet Camera



## Key features

- VGA (640 x 480) resolution
- Super low light
- True day / night
- IP66 rating
- IR range: up to 30m
- Motorized VF lens optional

## Dimensions



## Specifications

DS-2CD8233F-EI(Z)	
<b>Camera</b>	
Image sensor	1/4" Progressive CMOS
Min. illumination	0.01 lux @F1.2, AGC ON 0 lux with IR
Shutter time	1/25s ~ 1/100,000s
Lens	2.8 ~ 11 mm @F1.4, angle of view: 70° ~ 18° -Z: Motorized VF lens, 2.8-12 mm @F1.2, angle of view: 71° ~ 19°
Lens mount	Φ14
Auto iris	DC drive
Day & night	IR cut filter with auto switch
<b>Compression Standard</b>	
Video compression	H.264 / MPEG4 / MJPEG
Bit rate	32 Kbps ~ 16 Mbps
Dual stream	Yes
<b>Image</b>	
Max. Image Resolution	640 × 480
Frame rate	50Hz: 25fps (640 × 480) 60Hz: 30fps (640 × 480)
Image settings	Saturation, brightness, contrast adjustable through client software or web browser
<b>Network</b>	
Network storage	NAS (iSCSI optional)
Alarm trigger	motion detection, tampering alarm, network disconnect, IP address conflict, storage exception
protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
<b>Interface</b>	
Communication interface	1 RJ45 10 M / 100 M Ethernet interface
<b>General</b>	
Operating conditions	-10 °C ~ 60 °C (14°F ~ 140 °F) humidity 90% or less (non-condensing)
Power supply	12 VDC ± 10% , PoE (802.3af)
Power consumption	max. 7.5W -Z: max. 14W
Weather proof rating	IP66
IR range	Approx. 20 ~ 30 meters
Dimensions	98 × 88.58 × 328.79 mm (3.86" × 3.49" × 12.94")
Weight	1700 g (3.75 lbs)

## Available models

DS-2CD8233F-EI, DS-2CD8233F-EIZ

\* "Z": Motorized VF lens

\* DS-2CD8233F-E without IR feature is also available

\* Product picture and technical specs subject to change without previous notice.  
For further information, please contact our local sales representatives.