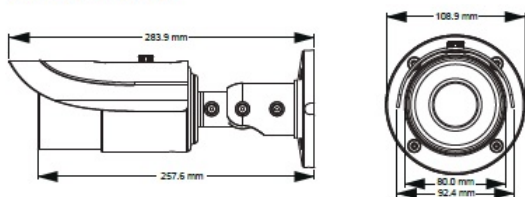




Features

- H.265 main profile video compression technology, high compression ratio, stable stream control
- 8MP (3840 × 2160) full real time coding
- Max. resolution: 3840 × 2160
- ICR auto switch, true day / night
- 0m IR night view distance
- Motorized lens optional
- 3D DNR, digital WDR, HLC & BLC
- Smart analytics (optional): object removal, line crossing detection, abnormal video signal detection and intrusion detection
- TF card local storage, up to 128GB
- Support local CVBS video output and two-way audio
- Support PoE power supply
- Support hardware reset
- Support smart phone, iPad, remote monitoring
- IP66 ingress protection
- Support three streams

Dimensions



Specifications

Specifications	Model	DY-B8MP50IVA
Camera		
Image Sensor		1 / 2.5 "CMOS
Image Size		3840 × 2160
Electronic Shutter		1 / 25 s ~ 1 / 100000 s
Iris Type		Fixed Iris
Min. Illumination		0.068 lux @F2.0, AGC ON; 0 lux with IR
Lens		3.3 ~ 12 mm @F1.4, horizontal field of view : 97.5° ~ 38.5°
Lens Mount		Φ14
Day & Night		ICR
Wide Dynamic Range		Digital WDR
BLC		Yes
HLC		Yes
Digital NR		2D / 3D DNR
Angle Adjustment		Any angle
Image		
Video Compression		H.265 MP; H.264 BP / MP / HP; MJPEG
Resolution		8MP (3840×2160), 2K(2560×1440), 3MP (2304×1296), 1080P (1920×1080), 720P (1280×720), D1, CIF, 480×240
Main Stream		60Hz : 8MP(1 ~ 30fps)/2K(1~30fps)/3MP(1~30fps)/1080P(1 ~ 30fps)/720P(1 ~ 30fps) 50Hz : 8MP(1 ~ 25fps)/2K(1~25fps)/3MP(1~25fps)/1080P(1 ~ 25fps)/720P(1 ~ 25fps)
Bit Rate		128 Kbps ~ 16 Mbps
Bit Rate Type		VBR / CBR
Quality		Five levels under VBR; Freely adjustable under CBR
Image Settings		ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser
Audio Compression		G711A / U
ROI		Each ROI to be configured separately
Interfaces		
Network		RJ45 × 1, 10M / 100M self-adaption
Audio		MIC IN × 1, MIC OUT × 1
Video Output		CVBS video output (BNC × 1)
Storage Card		Support TF card, up to 128GB
RS485		Yes
Alarm Input		1 CH
Alarm Output		1 CH
Functions		
Remote Monitoring		IE browsing, CMS remote control
Online Connection		Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol		TCP / IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP
Interface Protocol		ONVIF, GB-T/28181-2011
Storage		TF card local storage, network remote storage
Smart Alarm		Motion alarm, sensor alarm
PTZ		RS485 × 1
PoE		Yes
IR Distance		50 m
Ingress Protection		IP66
Others		
Power Supply		DC12V / PoE
Power Consumption		< 9W
Operating Environment		- 20 °C ~ 50 °C, 10 % ~ 90 % relative humidity
Dimensions (mm)		Φ109 × 284
Weight (net)		1112g
Installation		Wall mounting, ceiling mounting