

WDM-2013MC / WDM-2020MC

1.3/2.0 Megapixels Dome IP IR Camera

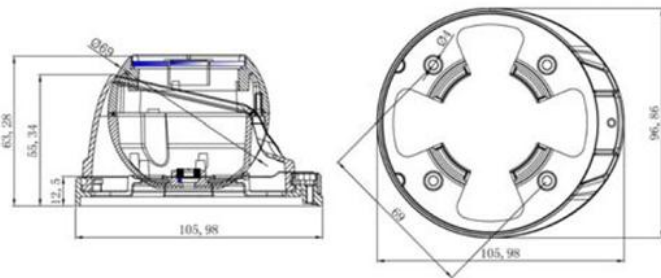
Technical Specification



Key Features

- ▶ Network IP Dome IR Camera.
- ▶ 1/3" 1.3/2.0 Megapixel APTINA CMOS Sensor.
- ▶ H.264&MJPEG video compression and Image capture.
- ▶ Max. 25/30fps@1080P (1920x1080), 960P (1280x960), 720P (1280x720).
- ▶ Built-in 3.6mm. 2MP/3MP ICR Board Lens (6mm. is Optional).
- ▶ 20pcs Φ 5mm, IR Distance 20m.
- ▶ Support Multi-stream real time transmission.
- ▶ Support IR-Cut Day/ Night.
- ▶ Built-in Microphone.
- ▶ Support Motion Detection, E-mail alarm.
- ▶ Support mobile phone monitoring and P2P Function.
- ▶ Support IE Browsing, CMS remote control.
- ▶ Complete SDK function easy to integrate with Other application.
- ▶ Support IP66 Ingress protection.

Dimension



Model	WDM-2013MC	WDM-2020MC
Camera		
Image Sensor	1/3" Aptina 1.3 Megapixel CMOS Sensor	1/3" Aptina 2.0 Megapixel CMOS Sensor
CMOS Sensor	Aptina AR0130	Aptina AR0230
DSP Device	Hisilicon DSP Hi3518E V200 + H81	Hisilicon DSP Hi3518E V200 + F02
Effective Pixels	1280(H)x960(V)	1920(H)x1080(V)
Operation System	Embedded Linux	
Shutter Type	Electronic Rolling Shutter	
Electronic Shutter	Auto/Manual 1/3~1/10000	
Min. Illumination	0Lux (IR LED ON)	
S/N Ratio	More than 44dB	
Camera Features		
Day/Night Mode	Auto, IR-Cut filter	
White Balance	Auto/Manual	
Gain Control	Auto/Manual	
WDR Dynamic Range	DWDR (82dB)	
Max. IR Distance	20m, 20pcs Φ 5mm. IR-LED	
Lens		
Pixel	2 Megapixel HD Lens	3 Megapixel HD Lens
Focal Length	Built-in 3.6mm. ICR Board Lens (6mm. is Optional)	
Lens Type	Fixed Lens	
Focus Control	Fixed	
Wavelength	850nm.	
Auto Iris	Support	
Video		
Compression	H.264 / MJPEG Optional	
H.264 Encode Type	H.264 Baseline/ H.264 Main Profile	
Video Bit Rate	32Kbps ~ 8Mbps, Supports CBR/ VBR	
Video Quality	Five levels under VBR, Free adjustment under CBR	
Image Resolution	1.3MP (1280x960), 1.0MP (1280x720)	2.0MP (1920x1080), 1.3MP (1280x960)
Frame Rate	Main Stream	1280x960 (1~25/30fps) 1280x720 (1~25/30fps)
	Sub Stream	1920x1080 (1~25/30fps) 1280x720 (1~25/30fps) 640x480 (1~25/30fps) 320x240 (1~25/30fps)
	Sub Stream	640x480 (1~25/30fps) 320x240 (1~25/30fps)
Video Format	PAL/NTSC	
Audio		
Audio Compression	G.711a/G711u Optional	
Audio Bit Rate	G.711a(8kbps)/G.711u(8kbps)	
Audio Input	Built-in Microphone	
Audio Output	1-channel 3.5mm audio interface (line level, 600 Ω)	
Network		
Ethernet	RJ-45 (10/100Base-T)	
Network Protocol	TCP/IP, UDP, RTSP, DNS, DDNS, DHCP, FTP, NTP, SMTP, UPNP	
Common Features	Multi-Stream real time transmission, Heartbeat, Password Protect, Video cover, Motion Alarm	
Compatibility	ONVIF, GB-T/28181-2011	
Max. User Access	Simultaneous monitoring for up to 8 Users	
Smart Phone	iPhone, iPad, Android, Windows Phone	
Remote Monitoring	IE Browsing, CMS remote control	
Auxiliary Interface		
Storage	Network remote storage	
Memory Slot	N/A	
RS485	N/A	
Smart Alarm	Motion Detection, E-mail alarm	
Motion Detection	Support	
General		
Power Supply	DC12V, PoE (Optional)	
Power Consumption	<6W	
Ingress Protection	IP66	
Working Environment	-20 $^{\circ}$ C ~ +55 $^{\circ}$ C Humidity less than 90% (Non-condensing)	
Dimensions	105.98mm x 63.28mm	
Weight	600g	