

WCA-M208

2MP x20 Zoom HD-SDI IR Rugged PTZ Camera

HD-SDI

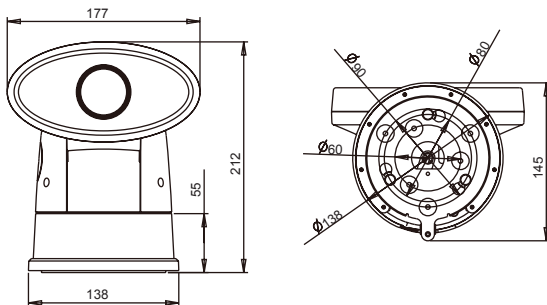


Features

- 1/3" 2MP Panasonic CMOS sensor
- 1080p 60fps / 30fps, 720p 60fps
- HD-SDI, CVBS
- x20 Optical Zoom(4.7mm~94mm) & x32 Digital Zoom
- Day & Night(ICR)
- Real-time True WDR
- Digital Noise Reduction(2D+3D)
- Digital Image Stabilizer
- Privacy Mask Function
- High Light Compensation
- Defog Function
- Endless Pan rotation(BOTTOM 15°~270°, TOP 345°~90° tilt angle)
- 255 Presets, 8 Tours, 8 Scans, 4 Patterns, 16 Areas, 2 Alarms
- Mechanical Auto Flip
- RS-422, RS-485 communication
- Multiple Protocols
- 12pcs of 18° IR Lens(IR Distance 120m in manual focusing)
- Weather-proof IP66 outdoor housing

Dimensions

Unit : mm



CAMERA	
Image Sensor	1/3" Panasonic CMOS Sensor
Total Pixels	1956 (H) x 1266 (V) = 2.48M Pixels
Active Pixels	1944 (H) x 1092 (V) = 2.12M Pixels
Scanning System	Progressive Scan
Resolution	Digital : 1080p/60(50i), 1080p/60(50)fps, 1080p/30(25)fps, 720p/60(50)fps, 720p/30(25)fps
Min. Illumination	Color(1/30s) : 0.5 lux , BW(1/30s) : 0.1lux Color DSS(1/7.5s) : 0.125 lux , BW DSS(1/7.5s) : 0.025 lux
S/N Ratio	more than 50dB (AGC off)
Video Output	HD-SDI, CVBS

LENS		x20	
Lens Type	20x Day & Night Zoom Lens		
Zoom Ratio	Optical x20, Digital x32 Zoom		
Focal Length	f = 4.7 mm ~ 94.0 mm		
Aperture Ratio	F1.6 (wide) ~ F3.5 (tele)		
Angle Of View (D, H, V)	WIDE	62.7°	55.4°
	TELE	3.3°	2.9°
			32.6°
			1.6°

PAN / TILT	
Pan	360° Continuous
Pan Speed	110°/sec, 0.3° Accuracy
Tilt	TOP 15°~270° , BOTTOM 345°~90° tilt angle, Proportional to zoom
Tilt Speed	60°/sec, 0.3° Accuracy
Preset	255 points, less than 0.1° accuracy

CAMERA FUNCTIONS	
Camera Title	ID / Title / Zoom Ratio / System Message
Day & Night	Auto / Day / Night / Ext-in
WDR/BLC	Off / WDR / BLC / HLC
ACE	Off / Low / Middle / High
DNR	Auto / Off / Low / Middle / High
Defog	Off / On(Auto / Manual)
Digital Image Stabilizer	Off / On
Privacy Mask	Off / On (24 positions)
Digital Slow Shutter	Off /x2 /x4 (/ x8 : 60 or 50fps mode only)
Gain Control	Off / On
White Balance	Auto / One Push / Manual / Indoor / Outdoor
Shutter Speed	1/30(25) ~ 1/30,000 sec
E.Zoom	Off / x2 ~ x32
Digital Flip	Off / H / V / H&V
Digital I/O	2 alarm
Remote Control Interface	RS-422, 485
Protocol	Pelco-D / Pelco- P / WONWOO

GENERAL	
Power Source	DC12V~24V
Power Consumption	Max 40W
Operating Temperature	-20°C ~ +50°C / 0% ~ 90% RH
Ingress Protection	IP66
Material	Aluminum
Dimensions	177(W) x 212(H) x 145(D) mm
Weight	2.86Kg

WCA-H208

2MP x20 Zoom Network IR Rugged PTZ Camera

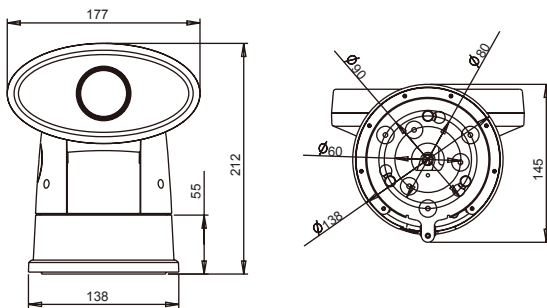


Features

- 1/3" 2MP Panasonic CMOS sensor
- 1080p 30fps, 720p 60fps
- NETWORK, CVBS
- x20 Optical Zoom(4.7mm~94mm) & x32 Digital Zoom
- Day & Night(ICR)
- Real-time True WDR
- Digital Noise Reduction(2D+3D)
- Digital Image Stabilizer
- Privacy Mask Function
- High Light Compensation
- Defog Function
- Endless Pan Rotation(BOTTOM 15°~270°, TOP 345°~90° tilt angle)
- 255 Presets, 8 Tours, 8 Scans, 4 Patterns, 16 Areas, 2 Alarms
- Mechanical Auto Flip
- 12pcs of 18ø IR Lens(IR Distance 120m in manual focusing)
- Weather-proof IP66 outdoor housing
- IPv4, IPv6 Support
- H.264 and Motion JPEG compression
- ONVIF compliant API
- Industry leading latency of 200ms/2Mpix Bandwidth adaptive video streaming
- Dynamic IP support
- SD/SDHC memory slot
- Bi-directional audio support

Dimensions

Unit : mm



GENERAL	
Power Source	DC12V~24V
Power Consumption	Max 40W
Operating Temperature	-20°C ~ +50°C / 0% ~ 90% RH
Ingress Protection	IP66
Material	Aluminum
Dimensions	177(W) x 212(H) x 145(D) mm
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Scanning System	Progressive Scan
Resolution	Digital : 1080p/30(25)fps, 720p/60(50)fps, 720p/30(25)fps
Min. Illumination	Color(1/30s) : 0.5 lux , BW(1/30s) : 0.1lux Color DSS(1/7.5s) : 0.125 lux , BW DSS(1/7.5s) : 0.025 lux
S/N Ratio	more than 50dB (AGC off)
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Digital I/O	2 alarm
Remote Control Interface	RS-422, 485
Protocol	Pelco-D / Pelco-P / WONWOO

NETWORK	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression	H.264, MPEG-4, MJPEG
Resolution	1920x1080, 1280x960, 1280x720, 1024x768, 800x600, 720x576, 640x480, 320x240
Streaming Capability	Triple streaming
Alarm	In 1ch / Out 1ch
Audio In / Out	Mic In / Audio Out
Audio Compression	G.711 u-law
Audio Communication	Bi-directional audio
IP	IPv4, IPv6
Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS
Storage	Micro SD
ONVIF	Support
Webpage Language	Korean, English
Web Viewer	WindowsXP/VISTA/MAC OS X Microsoft Internet Explorer, Firefox, GoogleChrome, Apple Safari