

# DC-D3212X

- Easy installation with DirectIP NVR
- Full HD (1080p) resolution
- Fixed-focal lens (f=2.9mm)
- micro SD/SDHC/SDXC, Smart Failover
- PoE (IEEE 802.3af Class 2)
- Day and night
- True wide dynamic range (WDR)
- Digital image stabilization
- 3-axis mechanical design for installation
- Supports ONVIF



## SPECIFICATIONS

VIDEO		
Image Sensor	1/3" CMOS	
Max. Resolution	1920 x 1080	
Scanning Mode	Progressive Scan	
Lens Type	Fixed-focal	
Focal Length	f=2.9mm	
Aperture	F2.0	
Iris Control	Fixed Iris	
Angular Field of View	111.5°(H), 59.6°(V), 132.8°(D)	
Pan / Tilt Range	Pan: -180° ~ 174°, Tilt: 0° ~ 65°	
Min. Illumination	COLOR : 0.1 lux @ F2.0 B/W : 0.01 lux @ F2.0	
Dynamic Range	120dB (True WDR)	
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/8000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)	
Day and Night	IR Cut Filter with Auto Switch	
IR Distance (LEDs)	-	
Image Setting	Configurable Exposure, White Balance, Sharpness	
Digital Noise Reduction	Configurable 3DNR	
Backlight Compensation	On / Off / HSBLC	
Image Stabilizer	Yes (DIS)	
De-fog	On / Off	
Privacy Masking	8 Zones	
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone	
Video Out	1 BNC (Accessory)	
NETWORK		
	<b>DirectIP Mode</b>	<b>Compatibility Mode</b>
Video Compression	H.265 , H.264 (MP), M-JPEG	
Intelligent Codec	Supported	
Bitrate Control	H.265 - VBR / CBR H.264 - VBR / CBR	
Audio Compression	-	
Two-way Audio	-	
IP Camera Protocol	DirectIP	IDIS ONVIF Profile S
Max. Frame Rate	30ips : 1920 x 1080(WDR)	30ips : 1920 x 1080(WDR)
Supported Resolution	1920 x 1080, 1280 x 720, 704 x 480, 640 x 360, 352 x 240	1920 x 1080, 1280 x 720, 704 x 480, 352 x 240
Multi-video Streaming	Quadruple Streaming	Triple Streaming
Network Protocols	DirectIP Protocol	RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP, RTSP/TCP, HTTP, HTTPS, FTP, SNTP, SMTP, FEN, mDNS, uPNP
Security	SSL Encryption	Multi-user Authority, IEEE 802.1x, IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection	IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)	
Recording Session Buffer	Yes (Up to 60MB)	
Edge Storage	micro SD / SDHC / SDXC, Smart Failover	
ALARM AND EVENT		
Trigger Event	Motion Detection, Tampering, Trip Zone	
Event Notification	Remote S/W, Email (With Image)	
Audio In / Out	-	
Alarm In / Out	-	
ENVIRONMENTAL		
Vandal Proof Casing	-	
Outdoor Ready	-	
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting Up at Above 0°C (32°F)	
Operating Humidity	0% ~ 90%	
ELECTRICAL		
Power Source	PoE (IEEE 802.3af Class 2)	
Power Consumption	3.4W	
Approvals	FCC, CE, KC	
MECHANICAL		
Dimensions	Ø131 x 79.3mm (Ø5.16" x 3.12")	
Weight	0.3kg	

## DIMENSIONS

(Unit - mm)



## ACCESSORIES (OPTIONAL)



DA-WM2150

## ACCESSORIES CONFIGURATION TREE

