

# DC-D3212X-N

- Easy installation with DirectIP NVR
- Full HD (1080p) resolution
- Fixed-focal lens (f=2.8mm)
- micro SD/SDHC/SDXC, Smart Failover (Up to 128GB)
- PoE (IEEE 802.3af Class 2)
- Day and night (ICR)
- True wide dynamic range (WDR)
- 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=2.8mm / 4.0mm	
Aperture	F1.8 / F2.0 (f=4.0mm)	
Iris Control	Fixed Iris	
Angular Field of View	110.7° (H), 61.2° (V), 128.6° (D) (f=2.8mm)	
Pan / Tilt Range	Pan : -180° ~ 174°, Tilt : 0° ~ 65°	
Min. Illumination	Color : 0.1 Lux @ F1.8 B/W : 0.01 Lux @ F1.8	
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	-	
De-fog	On / Off	
Privacy Masking	8 Zones	
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone	
Video Out	-	
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	Quadruple 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 (NLTSrec)	Yes (Up to 60MB)	
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 128GB)	
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	4.01W	
Approvals	FCC, CE, KC	
MECHANICAL		
Dimensions	Ø111.9mm x 82mm (Ø4.4" x 3.2")	
Weight	0.25kg (0.55lb)	

## DIMENSIONS

(Unit - mm)



## ACCESSORIES (OPTIONAL)



## ACCESSORIES CONFIGURATION TREE

