

# DC-E4212WR

- Easy installation with DirectIP NVR
- Full HD (1080p) resolution
- Fixed-focal lens (f = 4.0mm)
- IK10 / IP66 supports
- PoE (IEEE 802.3af Class 2)
- Day and night (ICR)
- IR LED (Distance : 20m)
- 3-axis mechanical design for installation
- Supports ONVIF



## SPECIFICATIONS

VIDEO	
Image Sensor	1/2.9" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	f=4.0mm
Aperture	F=2.15
Iris Control	Fixed Iris
Angular Field of View	83°(H), 43°(V), 100.4°(D)
Min. Illumination	COLOR : 0.1 lux @ F2.15 B/W : 0 lux (IR LED On)
Dynamic Range	120dB
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10000), Anti-Flicker, Slow Shutter (1~1/5, 1/7.5, 1/15)
Day and Night	IR cut filter with auto switch
IR Distance (LEDs)	20 m / 65.6 ft (2 ea)
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR/3DNR
Backlight Compensation	On / Off / HSBLC
Mirroring / Pivot	Horizontal / Vertical
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>
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
Max. Frame Rate	30ips : 1920 x 1080 15ips : 1920 x 1080(WDR)
Supported Resolution	1920 x 1080, 1280 x 720, 704 x 480, 640x 360, 352 x 240
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP Protocol, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP, RTSP/TCP, HTTP, HTTPS, FTP, SNMP, 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 (NLTSec)	Yes (Up to 10MB)
Edge Storage	-
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	IK10
Outdoor Ready	IP66
Operating Temperature	-20°C ~ +55°C (-4°F ~ +131°F) *Starting Up at Above 0°C (32°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	PoE (IEEE 802.3af Class 2)
Power Consumption	PoE, IEEE 802.3af(Class 2), 4.7W
Approvals	FCC, CE, KC
MECHANICAL	
Dimensions	70mm x 65mm x 186.8mm
Weight	0.21kg (0.46 lb)

## DIMENSIONS

(Unit - mm)

