

# 12MP Vandal-Resistant IR Dome Camera with Heater

## DC-D3C33HRX

- Easy installation with DirectIP NVR
- 12MP (4000 x 3000) resolution
- Motorized Vari-focal lens (f=4.5 - 10mm)
- micro SD/SDHC/SDXC, Smart Failover (Up to 256GB)
- Two-way audio
- Alarm in / out
- IK10 / IP67 supports
- Built-in heater
- PoE (IEEE 802.3af Class 3), 12VDC
- Day and night (ICR)
- True wide dynamic range (WDR)
- IR LED (Distance : 30m)
- 3-axis mechanical design for installation
- Supports ONVIF



### SPECIFICATIONS

VIDEO	
Image Sensor	1/1.7" CMOS
Max. Resolution	4000 x 3000
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	f=4.5 - 10mm
Aperture	F=1.6 - 2.6
Iris Control	P-Iris
Angular Field of View	[8M mode] [12M mode] Wide : 90.2° (H), 48.5° (V), 106.2° (D) Wide : 94.6° (H), 68.5° (V), 125.2° (D) Tele : 41.6° (H), 23.3° (V), 47.8° (D) Tele : 43.4° (H), 32.4° (V), 54° (D)
Pan / Tilt Range	Pan : -176° ~ 176°, Tilt : 0° ~ 65°, Rotate : -90° ~ 90°
Min. Illumination	Color : 0.3 Lux @ F1.6 B/W : 0 Lux (IR LED On)
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)	30 m / 98.4 ft (6 ea)
Image Setting	Configurable Exposure, White Balance, Sharpness
Digital Noise Reduction	Configurable 2DNR / 3DNR
Backlight Compensation	On / Off / HSBL
Image Stabilizer	-
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.264 - CBR / VBR, H.265 - CBR / VBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP IDIS ONVIF Profile S
Max. Frame Rate	30ips : 3840x2160(WDR) 15ips : 4000 x 3000(WDR) 30ips : 3840x2160(WDR)
Supported Resolution	12MP mode : 4000 x 3000, 2592 x 1944, 1280 x 960, 640 x 480, 320 x 240 8MP mode : 3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360, 320 x 180
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP Protocol RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, 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 (10/100/1000 BASE-T)
Recording Session Buffer (NLTSec)	Yes (Up to 60MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Audio Detection, Alarm In, Tampering, Trip Zone
Event Notification	Remote S/W, Email (With Image)
Audio In / Out	Line-in 1ea / Line-out 1ea
Alarm In / Out	Input 1ea / Output 1ea
ENVIRONMENTAL	
Vandal Proof Casing	IK10
Outdoor Ready	IP67, Heater
Operating Temperature	-40°C ~ +60°C (-40°F ~ +140°F) *Starting up at above -20°C (-4°F)
Operating Humidity	0% ~ 90%
ELECTRICAL	
Power Source	12VDC, PoE (IEEE 802.3af Class 3)
Power Consumption	12W~, 1.0A, 12W PoE, IEEE 802.3af(Class 3)
Approvals	FCC, CE, KC
MECHANICAL	
Dimensions	Ø160mm x 128.5mm (Ø6.30" x 5.06")
Weight	1.21kg (2.66lb)

### DIMENSIONS

(Unit - mm)



### ACCESSORIES (OPTIONAL)



### ACCESSORIES CONFIGURATION TREE

