

# DC-D3C33HRX

## 12MP Vandal-Resistant IR Dome Camera with Heater



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), 12V DC  
 Day and night (ICR)

True wide dynamic range (WDR)  
 IR LED (Distance : 30m / 98.4ft)  
 3-axis mechanical design for installation  
 Supports ONVIF

### SPECIFICATIONS

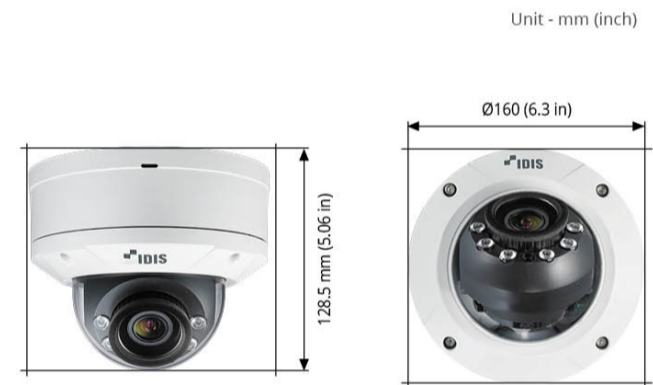
Video	
Image Sensor	1/1.7" CMOS
Max. Resolution	4000 x 3000
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	f=4.5 -10mm
Aperture	F1.6 - 2.6
Iris Control	P-Iris
Angular Field of View	[8MP mode] Wide : 90.2°(H), 48.5°(V), 106.2°(D), Tele : 41.6°(H), 23.3°(V), 47.8°(D) [12MP mode] Wide : 94.6°(H), 68.5°(V), 125.2°(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	120 dB (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	Exposure, White Balance, Self-Adjusting Video Mode(Sharpness, Contrast, Colors, Brightness Control)
Backlight Compensation	On / Off / HSBC
Mirroring / Pivot	Horizontal / Vertical / Pivot
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	
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, ONVIF Profile S
Max. Frame Rate	DirectIP™ Mode : 30ips : 3840x2160(WDR) Compatibility Mode : 15ips : 4000 x 3000(WDR) 30ips : 3840x2160(WDR)
Supports Resolution	12MP mode : 4000x3000, 2592x1944, 1280x960, 640x480, 320x240 8MP mode : 3840 x 2160, 1920x1080, 1280x720, 640x360, 320x180
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP™ Mode : DirectIP Protocol Compatibility Mode : RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNT, SMTP, FEN, mDNS, uPNP
Security	DirectIP™ Mode : SSL Encryption Compatibility Mode : 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 (10/100/1000BASE-T)
Recording Session Buffer	Yes (Up to 60MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 256GB)
ALARM AND EVENT	
Trigger Event	Motion Detection, Alarm in, Audio detection, 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	12V-, 1.0A, 12W PoE, IEEE 802.3af(Class 3)
Approval	FCC, CE, KC
Mechanical	
Dimensions (&Oslash; x H)	Ø160mm x 128.5mm (Ø6.30" x 5.06")
Weight	1.21 kg



### PRODUCT IMAGE































### DIMENSIONS



### ACCESSORIES (OPTIONAL)



# ACCESSORY CONFIGURATION BY INSTALLATION ENVIRONMENT

PRODUCT	INSTALLATION ENVIRONMENT	ACCESSORY CONFIGURATION
DC-D3C33HRX	WALL	  Model: DA-MA2100
		   Model: DA-WM2050
	CELLING	  Model: DA-MA2100
		   Model: DA-CM2050
	POLE	  Model: DA-MA2100
		   Model: DA-WM2050
		   Model: DA-LM2000
	CORNER	  Model: DA-MA2100
		   Model: DA-WM2050
		   Model: DA-RM2000
	ETC	  Model: DA-SS1100