

DC-D223WHX

- Easy installation with DirectIP NVR
- Full HD (1080p) resolution
- Motorized Vari-focal(f=3.3 - 10mm)
- micro SD/SDHC
- Two-way audio
- Alarm in / out
- Vandal proof / IP66 supports
- Built-in heater
- PoE(IEEE 802.3af class 3), 12V DC
- Day&night (ICR)
- True WDR
- DIS (Digital Image Stabilizer)
- IR LED (Distance : 20m)
- 3-axis mechanical design for installation
- Supports ONVIF

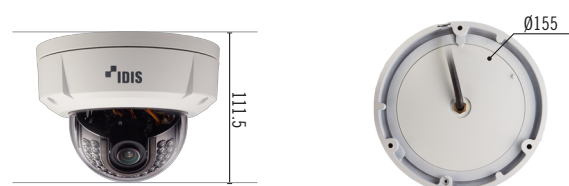


SPECIFICATIONS

VIDEO		
Image Sensor	1/2.8" CMOS	
Max. Resolution	1920 x 1080	
Scanning Mode	Progressive Scan	
Lens type	Motorized Vari-focal	
Focal Length	f=3.3 - 10mm	
Aperture	F=1.3 - 2.5	
Iris Control	DC Auto Iris	
Angular Field of View	Wide : 99.8°(H), 52.2°(V), 118.2°(D) Tele : 33.5°(H), 18.6°(V), 38.3°(D)	
Pan/Tilt Range	Pan: -176° ~ 176°, Tilt: 0° ~ 66°, Rotate: -90° ~ 90°	
Min. Illumination	COLOR : 0.007 lux@F1.3 B/W : 0 lux (IR LED ON)	
S/N Ratio	more than 45dB	
Dynamic Range	120dB (True WDR)	
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10000), Anti-Flicker, Slow Shutter(1 ~ 1/5, 1/7.5, 1/15)	
Day & Night	IR cut filter with auto switch	
IR Distance (LEDs)	20m (28ea)	
Image Setting	Configurable Exposure, White Balance, Sharpness	
Digital Noise Reduction	Configurable 2DNR/3DNR	
Backlight Compensation	-	
Image Stabilizer	Yes (DIS)	
Privacy Masking	16 Zones	
Intelligent Video	Video Motion Detection, Face Detection, Active Tampering Alarm	
Video Out	1 BNC(Accessory)	
NETWORK		
	DirectIP Mode	Compatibility Mode
Video Compression	H.264(MP), M-JPEG	
Bitrate Control	H.264 - VBR	
Max. Frame Rate	60fps : 1920 x 1080 30fps : 1920 x 1080(WDR)	
Audio Compression	G.726, G.711	
Two-way audio	Yes	
IP Camera Protocol	DirectIP	IDIS ONVIF Profile S
Supported Resolution	1920x1080, 1280x720, 704x480, 640x360, 352x240	1920x1080, 1280x720, 704x480, 352x240
Multi-Video Streaming	Quadruple streaming	Quadruple streaming
Network Protocols	Direct IP 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(10/100/1000BASE-T)	
Edge Storage	micro SD/SDHC	
ALARM & EVENT		
Trigger Event	Motion Detection, Face Detection, Alarm in, Tampering, Audio Detection	
Event Buffering (Pre & Post)	yes (up to 60MB)	
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	Yes	
Out-door Ready	IP66, Heater	
Operating Temperature	-40°C ~ +50°C (-40°F ~ +122°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	19.2W (Heater On DC 12V)	
Approvals	FCC, CE(50130-4), KC	
MECHANICAL		
Dimensions	Ø155mm x 111.5mm (Ø6.11" x 4.39")	
Weight	0.9 kg (1.98 lb)	

DIMENSIONS

(Unit - mm)



ACCESSORIES(OPTIONAL)



ACCESSORIES CONFIGURATION TREE

