

# Full HD WDR Valdal-Resistant IR Camera

## DC-D2233WHX

- 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



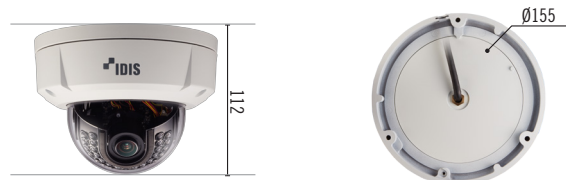
### SPECIFICATIONS

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	108dB (True WDR) / ISP+Sensor Spec.																																						
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																																							
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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

