

3D-DNR Dome Day/Night Camera **Zodiak**

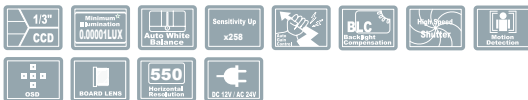
DC Auto Iris Varifocal Lens(2.8mm-12mm)



■ **HD-N238DNR-BLK**
550TV Lines
DC Auto Iris Varifocal Lens(2.8mm-12mm)
ICR-IR Cut Filter Removable - option



■ **HD-N238DNR-WHT**
550TV Lines
DC Auto Iris Varifocal Lens(2.8mm-12mm)
ICR-IR Cut Filter Removable - option



SPECIFICATIONS

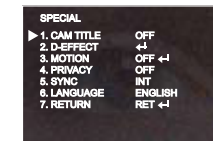
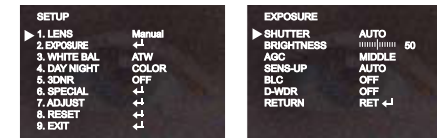
MODEL	HD-N238DNR-BLK / N238DNR-WHT
Sensor	1/3" SONY Super HAD CCD
Total Pixels	NTSC=811(H) * 508(V) / PAL=795(H) * 595(V)
Effective Pixels	NTSC=768(H) * 494(V) / PAL=752(H) * 582(V)
Scanning System	2:1 Interlace
Synchronization	Internal
O.S.D	Available
Backlight	OFF / HSBLC / BLC Selectable
Resolution	550TV Lines(Color), 600TV Lines(B/W)
S/N (Y signal)	52dB (AGC Off, Weight On)
Min. Illumination	0.00001Lux(Sens-Up * 258)
White Balance	ATW / AWB / Manual / AWC →SET
Electronic Shutter Speed	AUTO (1/50sec, 1/60sec ~ 1/120,000sec)
Sense-Up	Off / Auto(Selectable limit *2 ~ *258)
Gain Control	High, Middle, Low, Off Selectable
3 DNR	Off/On (1~50 Level Adjustable)
D-WDR	Indoor / Outdoor / Off
Motion Detection	On/Off (4 Zone, Alarm Output)
Privacy	On/Off (8 Zone)
Mirror	Off / Mirror / V-Rev / Rotate
Freeze	On/Off
Sharpness	0~31'(Level Adjustable)
D&N Selection	Color /BW/ Auto
Digital Zoom	On(*32) / Off
Blemish Compensation	256 Point (Even 128 Point, ODD 128 Point)
Power	DC 12V (Dual Power AC 24V / DC 12V)-Option
Power Consumption	120mA
Lens	DC Auto Iris Varifocal Lens(2.8mm-12mm)
Operating Temperature/Humidity	-10°C ~ +50°C. RH 95% Max.
Storage Temperature/Humidity	-20°C ~ +60°C. RH 95% Max.
Dimension	139mm(W) * 97mm(H) * 139mm(D)
Weight	700g

General Features

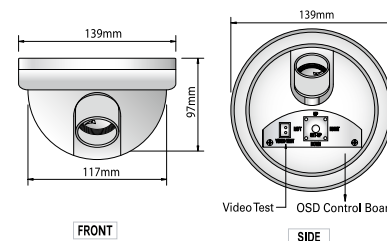
- * UP-Most High Resolution : Color - 550TV Lines / B/W - 600 TV Lines
- * Built - In Next Generation 3D DNR with 3D Filter
- * Max. Sens-Up (×258), 0.00001 Lux of Min. Illumination
- * Convenient OSD control function
- * ×32 Digital Zoom
- * Free Area Selectable function of BLC and MD
- * Privacy Color Masking for 8 Area selection
- * Camera OSD control by RS-485(Optional)
- * ICR-IR Infrared Cut Filter Removable(Optional)
- * Max 70% of Disk Saving Effect with Super DNR
- * Negative Image Function
- * Digital Wide Dynamic Range Function(D-WDR)

SETTINGS

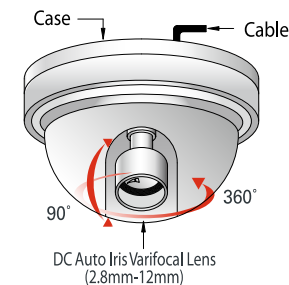
Settings can be made using the OSD button located in the dome housing.



Dimension



HOW to Install



Camera Adjustment

- 1 Connect Video & Power Line (12V DC Regulated Power)
- 2 Please set the position where you want to connect the camera.
- 3 Loosen the locking screws and adjusting camera angle.
- 4 Combine each camera parts and lock & tight the each locking screws.