

## Specification

Model	XEDHDA36AW-1M3
Pick up Element	1/3" SONY 1.3MP CMOS Sensor
Effective Picture Elements (H×V)	1280 X960
Resolution	960P
Minimum Illumination	0.001 Lux/F1.2
S/N Ratio	More than 50dB
Synchronous System	Internal, Negative sync.
IR Distance	20 Meters (with Φ5X24PCS Infrared LED)
IR Power On	Photodiode AUTO Control
Video Output	AHD,CVBS
Functions	OSD menu, DWDR, 3DNR, Sense-up
Power/Current	DC12V(+/-10%)/500mA
Lens	Board Lens 3.6mm
IP Rating	/
Dimension (mm)	Φ94 x 69(H)
Weight (g)	400
Operating Temperature	-10~+50℃ RH95% MAX

## Accessories list

Name	Number
Camera	1
User Guide	1

### Notes:

Do not attempt to disassemble the camera. If the camera does not work, please contact your supplier.



**X E D H D A 3 6 A W - 1 M 3**

## Installation and user guide



Thank you for choosing to use this Xeno Nitro High Definition Analogue camera.

Before providing power for the camera, please read this manual carefully before use.

## Main Features

### > Auto Gain Control (AGC)

Built-in auto gain control (AGC) circuit. The color camera can get high definition picture in low Light condition.

### > Auto Electronic Shutter (AES)

Built-in auto electronic shutter function. The color camera's AES speed can reach 1/100,000s.

### > OSD button shortcut functions

CVBS MODE: hold left key 5s.

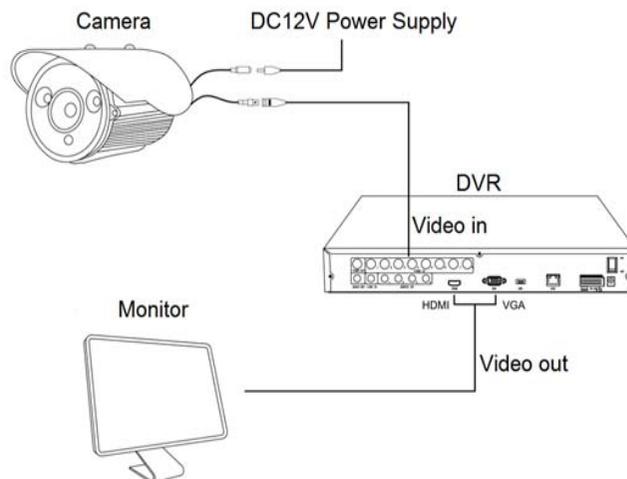
AHD MODE : hold right key 5s.

System switching : hold down key 5s.

### > OSD MENU

MAIN MENU	LENS	MANUAL/DC		
	EXPOSURE	SHUTTER	AUTO,1/30,1/60,FLK,1/240,1/480,1/1000,1/2000,1/5000,1/10000,1/50000,X2,X4,X6,X8,X10,X15,X20,X25,X30	
AGC		0-15		
SENS-UP		AUTO(X2-X30)/OFF		
BRIGHTNESS		0-100		
D-WDR		OFF/ON		
DEFOG		OFF/AUTO		
BACK LIGHT	OFF			
	BLC:LEVEL/AREA /DEFAULT			
	HSBLC:SELECT AREA/DISPLAY/BLACK MASK/LEVEL/MODE/DEFAULT			
WHITE BAL.	ATW/AWC→SET/INDOOR/OUTDOOR/MANUAL/AWB			
DAY & NIGHT	EXT	D→N(DELAY)/N→D(DELAY)		
	AUTO	D→N(AGC)/D→N(DELAY)/N→D(AGC)/N→D(DELAY)		
	COLOR			
NR	B/W	BURST/IR SMART/IR PWM		
	2DNR	OFF/LOW/MIDDLE/HIGH		
	3DNR	OFF/LOW/MIDDLE/HIGH		
SPECIAL	CAM TITLE	OFF/ON		
	D-EFFECT	FREEZE/MIRROR/NEG.IMAGE		
	MOTION	SELECT AREA1-4/DISPALY/SENSITIVITY/COLOR/TRANS/ALARM/DEFAULT		
	PRIVACY	OFF/ON		
	LANGUAGE	ENG/CHN1/CHN2/GER/FRA/ITA/SPA/POL/RUS/POR/NED/TUR		
		DEFECT	LIVE DPC	
			WHITE DPC	
	BLACK DPC			
	RS485	CAM ID:0-255		
ID DISPLAY				
	BAUDRATE:2400/4800/9600/19200/38400			
ADJUST	SHARPNESS	AUTO/OFF		
	MONITOR	LCD/CRT		
	LSC	OFF/ON		
	VIDEO.OUT	PAL/NTSC		

## Device connection



## Safety instruction

1. Before using the camera, please read this manual carefully and keep it safely for later use.
2. Installation should be undertaken by a professional installation company and follow manufacturer's instructions, do not dismantle.
3. In order to prevent sensor damage, do not expose to intense light source in long time.
4. Do not touch sensor directly.
5. Please use a dry soft cloth to clean the camera. If the dirt is difficult to clean, use detergent with water and allow to soak, then gently wipe off.
6. Do not install camera under air conditioning's air gate, as this may allow condensation to form on the lens or bubble.
7. Please ensure during installation and cleaning, power is turned off.
8. While storing and transporting, please ensure the conditions are within the cameras allowable temperature and humidity range.
9. If for any reason the camera is damaged or does not operate, please contact your supplier. There are no serviceable parts within. Any attempt to fix may invalidate the warranty.

## Common Problems and Troubleshooting

### > No Picture after providing power

Please check: the voltage being supplied to the camera, and connections are correctly made.

### > The picture level direction have flowing interference ripples

May be caused by the power supply AC ripples, may require a hum rejection transformer.

Check the monitor and peripheral equipments used.

### > The picture background color changes continuously

The fluorescent lamp's electromagnetic field cause color roll.

This is proper phenomenon of the cameras.

Reduce the fluorescent lamp numbers or increase the distance between the camera and the fluorescent lamps can improve it.

Use power supply external sync. camera can solve it.

### > Interference across complete picture

The power supply's voltage unstable.

Connecting cables not connect correctly or have high impedance.



### Note:

- Power supply must pass safety certification, its output voltage, current, voltage polarity and operating temperature must match requirement of this equipment.
- Please install lightning protection devices or cut off the power in thunder and lightning conditions.
- To capture high-quality video and pictures, please make sure the network connection is stable and smooth.
- Please note the camera's operating temperature and its using environment requirement. Avoid using the camera at too high or too low temperatures. The operating temperature is -30~+60°C. (Recommendatory operating temperature is -10~+50°C.)
- Do not mount the camera near by the radiator or heater.