Specification

Model	XDCHDA28V12Q-1080
Image Sensor	1/2.9" SONY 2.4MP CMOS Sensor
Resolution	1080P
Signal System	PAL / NTSC
Min Illumination	0.001 Lux/F1.2
S/N Ratio	More than 50dB
Sync System	Internal
IR Distance	20 Meters (with Φ5X21 PCS Infrared LED)
IR Power On	Photodiode AUTO Control
Video Output	AHD/CVI/CVBS/TVI
Power/Current	DC12V(+/-10%)/500mA
Lens	2.8-12mm Manual Zoom Lens
Dimension (mm)	Φ128 x 98.5(H)
Weight (g)	750
Operating Conditions	-10~+50℃ RH95% MAX

Accessory list

Type	Qty
Camera	1
User Guide	1

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

Camera connections
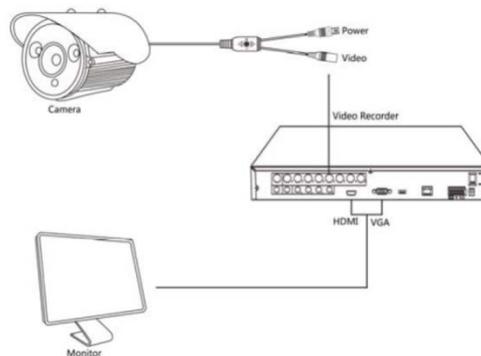
Safety instructions

1.Before using the camera ,please read this manual carefully and keep it safely for later use.
2.Installation should be proceed by professional service and follow manufacturer's instructions, do not dismantle without authorisation.
3.In order to prevent sensor ,do not expose lens to intense light source in long time.
4.Do not touch sensor directly. Please covers the dustproof cover when the camera is not being used.
5.Please use a dry soft cloth to clean the camera. If dirt difficult to clean, use detergent with water and wipe dry the camera.
6.Do not install camera under air conditioning's air gate ,or else lens blur with condensation of moisture.
7.Please ensure that all electric power sources are turned off when not open , installation ,clean, etc operation.
8.Please transporting , using and storing the camera in allowable temperature and humidity.
9.If the camera was broken, for example power cord or plug damaged, Splash liquid or foreign matter fall into camera, raining, wetting, etc can't work situation, please contact manufacturer or maintenance centre (modify and maintenance without permission, you must be responsible for the problems).

XENO
GREAT VALUE HD CCTV

NITRO

XDCHDA28V12Q-1080

Installation and user guide

Thank you for choosing to use this Xeno 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 colour camera can produce high definition picture in low Lux conditions.

Auto Electronic Shutter (AES)
Built-in auto electronic shutter function. The colour camera's AES speed can reach 1/100,000s.

Gama
Camera Gama characteristic is 0.45.

Scanning Mode
NTSC or PAL mode.

Switch the output signal by OSD button
Press "left" key after 5 seconds then release : CVBS
Press "right" key after 5 seconds then release : TVI
Press "up" key after 5 seconds then release : AHD
Press "down" key after 5 seconds then release : CVI

Menu structure

AE	BRIGHTNESS/EXPOSURE MODE/GAIN
WB	ATW/MWB
DAY NIGHT	SMART/COLOR/BW
VIDEO SETTING	CONTRAST/SHARPNESS/ COLOR GAIN/DNR/FORMAT/ WDR
LANGUAGE	ENGLISH / FRENCH / RUSSIAN/ SPANISH / ITALIAN
RESET	
SAVE & EXIT	
EXIT	

Nitro camera – Signal output setup
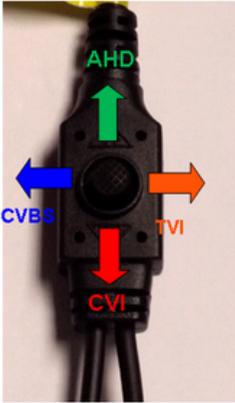
Camera output format

The mini joystick can be used to change the format of the signal being output on the coax.

Options are:

AHD, TVI, CVI or CVBS

Move the joystick to the correct position and hold for 5 seconds, then release.
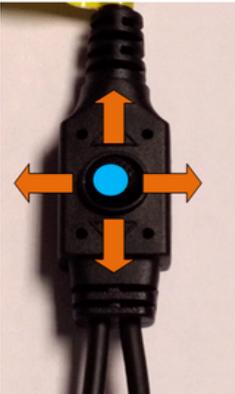
Nitro camera – Menu Access

Camera Menu

To **ENTER** the menus of the camera simply press down once on the joystick button.

To navigate inside the menus use **UP / DOWN / LEFT / RIGHT**

Always go to the "SAVE AND EXIT" section and press the button to confirm settings

Trouble shooting

> No Picture after providing power
May be the power supply voltage abnormity, please check the power supply voltage and polarity
Please check all the connecting cable and monitors whether be connected correctly or not.
> The picture background colour changes continuously. The fluorescent lamp's electromagnetic field can cause colour roll.. 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 also help.

Note:

This camera is designed for internal use only,

The operating temperature is -10~+50℃