

Specifications

Model	ALC-X42A
Pick Up Element	SONY 1/3" CCD
Effective Picture Elements (H*V)	NTSC:510×492, PAL:500×582
Horizontal Resolution	420 TV Lines
S/N Ratio	More than 48dB
Clock Frequency (MHZ)	NTSC:19.0699 , PAL:19.3125
Scanning System	2:1 interlace
Minimum Illumination	0.5 Lux
Synchronous System	Internal, Negative sync.
Auto Electronic Shutter	NTSC:1/60s~1/100,000s,PAL:1/50s~1/100,000s
Gama Characteristic	0.45
Iris Control	Video/DC iris
White Balance	Auto
Back Light Compensation	ON/OFF (Optional)
Video Output	1Vpp,75 Ω
Auto Gain Control	Auto
Power/Current	12VDC(+/-10%)/400mA
Lens	C / CS Lens
Dimension (Inches)	4.45×2.45×2.2
Weight (g)	550
Storage Temperature	-30~ +60℃
Operating Temperature	-10~ +45℃

Package contents

Name	Quantity
ALC-X42A Auto-Iris Box Color Camera	1
User Guide	1

CoviSec

1-800-215-2294

www.covisec.com

304 NE Racetrack Rd.

Fort Walton Beach, FL 32547

Copyright CoviSec 2008

CoviSec
Vigilant Intelligence™

ALC-X42A

Auto-Iris Color Camera With Audio



Warning: Read and familiarize yourself with this manual before powering your camera on.

Do not attempt disassemble the camera.

Contact your distributor or CoviSec directly in case of defect.

■ MAIN PRODUCT FEATURES

* Sensor (CCD)

SONY 1/3" CCD Sensor.

* Auto Gain Control (AGC)

Built-in auto gain control (AGC) circuit. Allows the camera to obtain high definition image in low light conditions.

* Auto White Balance (AWB)

Built-in auto white balance function.

Color temperature: between 2500K-9500K.

* Auto Electronic Shutter (AES)

Built-in auto electronic shutter function with AES speed of up to 1/100,000s.

* Gama Characteristic

Camera Gama characteristic of 0.45.

* Scanning Mode

NTSC

* Lens

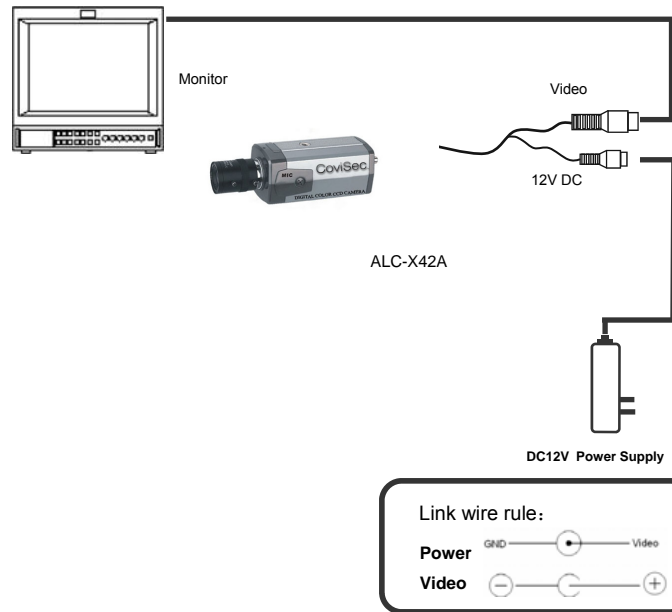
Accepts C or CS type. (Lens not included)



Warnings:

- _ The power supply for this camera is not included, user must obtain a compatible power source with appropriate voltage before operating this camera. User is responsible for observing current, voltage polarity and operating temperatures to ensure safe and proper operation.
- _ Please observe proper grounding methods if using the camera in conditions subject to inclement weather such as lighting.
- _ To prevent signal degradation we recommend using video baluns if installing in distances greater than 250' from power or video source.

■ CONNECTING



■ TROUBLESHOOTING

1. No Picture after providing power

- . Ensure adequate power voltage with at least 400mA with correct polarity.
- . Please check all the connecting cables and monitors for proper connection.

2. The picture shows flowing ripples and image distortion, interference

- . May be caused by the power supply AC ripples. Keep power supply clear of high tension wiring.
- . Check the monitor, DVR and peripheral equipment.

3. The picture background color changes continuously

- . This may be color roll caused by electromagnetic fields from fluorescent lamp. This is proper phenomenon of the cameras.
- . Reduce the fluorescent lamp numbers or increase the distance between the camera and the fluorescent lamps.
- . Check voltage of power supply.

4. Picture smear or fuzzy

- . The power supply's voltage unstable.
- . Check cables for correct connection, check high impedance level of video cable.

■ INTRODUCTION

Congratulations on your purchase of this product. This User Guide suits the CoviSec ALC-X42A camera. We adopt the latest SONY CCD sensor and driver. The main features are its low light capability, sharp resolution, auto-Iris, BLC and built-in microphone for audio. In addition, the ALC-X42A brings you high definition and stability, strong anti-jamming, rich and real color and ease of use.

Please read this instruction manual carefully to ensure proper use of the product.



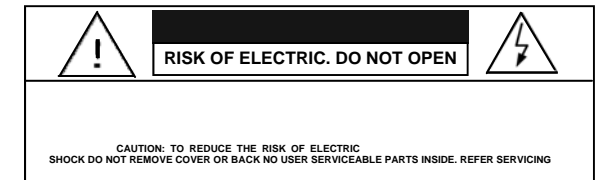
To prevent fire or shock hazarded. Do not expose the unit to rain or moisture.



The symbol is intended to alert the user to the presence of important operating and maintenance (servicing) Instructions in the literature accompanying the appliance.



The symbol is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



CAUTION: To prevent electric shocks and risk of fire hazards, do NOT use other than specified power source.



Note:

- Please observe 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 -10°C-45°C.
- Never make the camera face the sun or bright object as it may damage the CCD sensor
- Do not mount the camera near a radiator or heater.