

## ■ PRODUCT FEATURES

### \* Sensor (CCD)

COLOUR 1/3" CCD sensor.

### \* Auto Gain Control (AGC)

Built-in auto gain control (AGC) circuit. The colour camera can achieve high quality images 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**.

### \* Gamma Characteristic

Camera Gamma characteristic is **0.45**.

### \* Scanning Mode

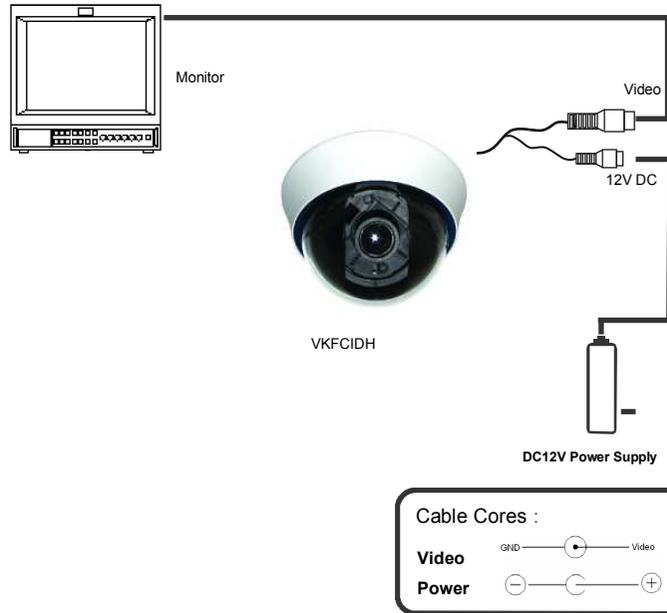
NTSC or PAL mode.



#### Notes :

- Please ensure the correct specification power supply is used. Check voltage, polarity and operating temperature match the camera's requirement.
- Lightning protection is recommended for use with camera equipment. If not installed, in electrical storms, camera equipment should be disconnected.

## ■ CONNECTIONS



## ■ TROUBLE SHOOTING

### 1. No Picture after providing power

- . May be the power supply. please check the power supply voltage and polarity.
- . Please check all the connecting cables to monitoring equipment, especially the 'BNC' connectors.

### 2. The picture shows 'rolling' interference ripples

- . May be caused by induced AC voltage on to video cables. Check for AC cables near video cables & move as necessary.
- . Check the earth potentials at monitor and peripheral equipments positions. Earth potentials should be the same at each position.

### 3. The picture background colour changes continuously

- . The fluorescent lamp's electromagnetic field causes colour roll. This is a normal phenomenon of the camera.
- . Reduce the fluorescent lamp numbers or increase the distance between the camera and the fluorescent lamps.

### 4. The picture 'smear's'

- . The power supply's voltage unstable.
- . Cables not connected correctly or have high impedance.

## ■ INTRODUCTION

Congratulations on your purchase of this FACINA product. This VKFCIDH is a high resolution, high quality colour camera with varifocal lens & a quick fit mounting base.

The camera is to be used indoors & has an adjustable bracket to ensure the correct view is achieved.

Please read this instruction manual carefully before installation to ensure correct use of the product.



Warning

To prevent fire or shock hazardous. Do not immerse the unit into water.



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.

	<b>CAUTION:</b> <b>RISK OF ELECTRIC. DO NOT OPEN</b>	
<b>SHOCK</b>		
<b>CAUTION: TO REDUCE THE RISK OF ELECTRIC</b> <b>DO NOT REMOVE COVER OR BANCK NO USER</b> <b>SERVICEABLE PARTS INSIDE. REFER SERVICING</b>		

#### CAUTION:

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



#### Note:

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 -10°C-50°C. (Recommendatory operating temperature is -5°C-40°C.)

- Never position the camera to face the sun or bright object. This may damage the CCD.
- Do not mount the camera by a radiator or heater.

## ■ Specification

Model	VKFCIDH
Pick Up Element	COLOUR 1/3"CCD
Effective Picture Elements ( H*V )	795×596
Horizontal Resolution	550 TV Lines
S/N Ratio	More than 48dB
Clock Frequency (MHZ)	18.9375
Scanning System	2:1 interlace
Minimum Illumination	1.0 Lux
Synchronous System	Internal, Negative sync.
Auto Electronic Shutter	1/50s~1/100,000s
Gamma Characteristic	0.45
Video Output	1Vpp,75 Ω
Auto Gain Control	Auto
Power/Current	12VDC(+/-10%)/ 120mA
Lens	4-9 mm
Dimension (mm)	φ 118×102
Weight (g)	300
Storage Temperature	-30~ +60℃
Operating Temperature	-10~ +45℃

## ■ Packing List

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# FACINA

SURVEILLANCE

## VKFCIDH

### Internal Dome Colour Camera



# FACINA

SURVEILLANCE

Distributed by

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**Notes: Please read this User Guide in detail prior to installation**

Do not attempt to disassemble the camera. If the camera does not function correctly, please contact our technical helpline on Tel: 01253 792898

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