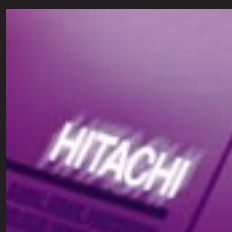
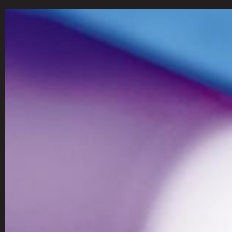


VK-C307E



Digital signal processing CCTV colour camera

- Built-in F1.2 X2.5 optical varifocal lens with auto iris
- Easy to install, easy to connect and easy to use
- AC24V (50Hz) or DC12V operation
- Highly sensitive $\frac{1}{4}$ " CCD pickup reproduces images with detail and clarity
- 2H vertical enhancer makes captured images clear and stable
- Advanced Hitachi features like backlight compensation, auto-white balancing and OSD picture control



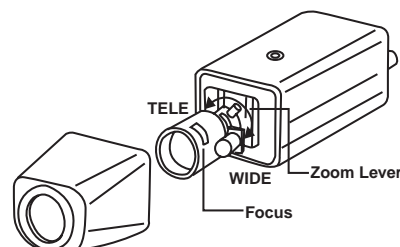
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VK-C307E Technical Specifications

VIDEO		
Signal Format	PAL composite 1.0v.p.p.	
System	2:1 interlaced	
Frequency	Horizontal: 15.625kHz Vertical: 50Hz	
PICKUP SENSOR		
CCD Image Sensor	Interline 1/4inch type	
Total Number of Pixels	537(H) x 597(V)	
Effective Pixels	500(H) x 582(V)	
LENS		
Lens	F1.2 f=2.4-6.0mm	
Variable Focal Length	X2.5	
DIGITAL SIGNAL PROCESSOR		
Signal Processing	Digital Signal Processor (Hitachi DSP3R)	
Sync System	Internal or external (line lock-24VAC only)	
Luminance S/N	>50dB	
Sensitivity	1 lux	F1.2 wide angle AGC mode HIGH
	2 lux	F1.2 wide angle AGC mode NORM
VIDEO OUTPUT		
Video Output	1.0Vp-p	
Horizontal Resolution	>330 TVL	
POWER		
Power Requirement	3.0W (max)	
Power Input	AC24V, 50Hz, DC12V	
PHYSICAL SPECIFICATIONS		
Dimensions (WxHxD)	64 x 58 x 152mm	
Weight	370g	
OPERATING AND STORAGE CONDITIONS		
Ambient Temperature	-10(C) - 50(C)	
Humidity	10% - 85%	

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A built-in F1.2 varifocal lens allows the user to monitor the scene from variable viewing angles, ranging from wide to telephoto.

High sensitivity

Highly sensitive 14" CCD pickup reproduces pictures with detail and clarity thanks to Hitachi DSP (Digital Signal Processor).

Picture control by OSD

On-screen display to set picture control functions by menus.

Auto/manual-white balance

In addition to auto-white balance, white balance can be adjusted manually by gain control of R (red) and B (blue) on the OSD.

Adjustable shutter modes

On the AE Iris mode, the electronic shutter automatically adjusts to the light condition. In the manual mode, the shutter speed can be set in nine steps, from 1/50 to 1/30,000 seconds.

Camera ID

Up to eight characters can be set as identification using 47 alphanumeric characters. You can also select User Adjustable ID display position on the screen.

Digital zoom

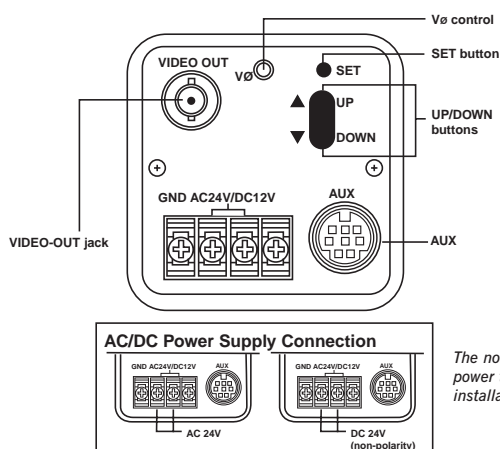
The built-in optical varifocal lens magnifies a subject up to 2.5 times. In combinations with a digital zoom function, it is possible to magnify up to 5 times total. NB. When the digital magnification is larger, the horizontal and vertical resolution will be down.

Backlight compensation

Even with strong incidental light, a backlight compensation area can be selected from six divided areas on the screen so that the subject will not be too dark.

Other features

Negative/positive switching function; automatic gain control (AGC); internal/external sync.



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