



Lens is optional

## V1001P(H) & V1050P(H) Black & White CCD Cameras

- **CCIR Standard**
- **SYNC System INT or Linelock selectable**
- **1 Vp-p CCIR Composite Video Output**
- **Accepts CS or C Type Lenses**
- **380 or 570 lines series models**
- **Video, DC, or ESC Iris modes selectable**
- **Backlight Compensation user-selectable**
- **Flexible Mounting Options**

The V1001P(H) and V1050P(H) 1/3-inch, black & white, CCD cameras provide choices between  $\geq 380$  TV lines or  $\geq 570$  TV lines of horizontal camera resolution. Additionally, options or functions such as electronic iris mode (DC, Video, ESC), shutter speed (1/50 to 1/10, 000 second), lens mount (CS or C), and Backlight Compensation (BLC) on or off can simplify optimizing the image quality for your specific location.

These cameras are CCIR standard with a user-selectable choice of internal or linelock synchronization. Automatic Gain Control (AGC) and Flickerless operation are factory pre-adjusted, providing additional tuning of the camera to your specific application needs.

For indoor applications, these cameras may be wall or ceiling mounted using optional brackets. A selection of indoor dome housings is available. They may also be installed for indoor or outdoor applications in an optional housing (HEK30D0/K1) that can be wall, ceiling, or column mounted using the appropriate brackets.

The V1001P(H) and V1050P(H) provide flexibility and quality in the design and implementation of video security systems. With most of the settings and connections made on the back panel of the camera and with the range of mounting options, installation and adjustment is quick and easy.

## Typical Application



The video signal from the (1) CCD Camera(s) can be sent directly to any of the following video interface devices:

- (2) Video Switcher(s),
- (3a) Matrix Switcher(s) with or without (3b) Matrix Controller(s),
- (4) Quad Splitter(s), and/or
- (5) Multiplexer(s).

or the video signal can be sent to a:

- (6) monitor for viewing
- (7) V8200 Series Digital Storage & Transmission System that will automatically capture, store, and transmit the images per its programming
- (8) VCR for recording and later playback.

The number and types of input and output devices and controllers is dependent upon the overall system configuration.

## Technical Specifications

## V1001P(H) & V1050P(H)

		V1001P(H)	V1050P(H)
<b>Power</b>	Input Voltage	V1001P: 24 VAC, 50 Hz V1001PH: 230 VAC, 50 Hz	V1050P: 24 VAC, 50 Hz V1050PH: 230 VAC, 50 Hz
	Consumption	V1001P: 3.5 W V1001PH: 4 W	V1050P: 4 W V1050PH: 6 W
<b>Video</b>	Pick-up Device	1/3-inch interline transfer CCD; 512 (H) x 582 (V) pixels	1/3-inch IT Super Had CCD; 768 (H) x 494 (V)
	Scanning System	2:1 Interface (CCIR Standard)	2:1 Interface (CCIR Standard)
	SYNC System	INT/Linelock selectable	INT/Linelock selectable
	Output	1 Vp-p CCIR Composite	1 Vp-p CCIR Composite
	Minimum Illumination	0.1 Lux at $f1.2$	0.1 Lux at $f1.2$
	Gamma	0.45	0.45
	Flickerless	On pre-adjusted	Off
	AGC	On pre-adjusted	On/Off selectable
	Backlight Compensation	On/Off selectable	Built-in
<b>Lens &amp; Iris</b>	Iris Mode	Video/DC/ESC selectable	Video/DC/ESC selectable
	Iris Speed	1/50 - 1/100, 000 sec	1/50 - 1/100, 000 sec
	Lens Mount Type	CS standard C-adaptor provided	CS standard C-adaptor provided
<b>S/N Ratio</b>	$\geq 50$ dB (AGC Off)		$\geq 48$ dB (AGC Off)
<b>Resolution (H)</b>	$\geq 380$ TV Lines		$\geq 570$ TV Lines
<b>Housing</b>	Weight	V1001P: 440 g V1001PH: 500 g	V1050P: 480 g V1050PH: 540 g
	Dimensions (H x W x D)	50 mm x 57 mm x 136 mm	50 mm x 57 mm x 136 mm
<b>Environment</b>	Ambient Temperature	-10°C to +50°C	-10°C to +50°C

## Optional Accessories



**HEK30D0  
HEK30K1  
Indoor/Outdoor  
Housing**



**WBCD14A or  
WBCD8A Fixed-  
mount Camera  
Brackets**



**V5040P  
24 VAC/1 Amp  
Power Supply**



**V5041P  
24 VAC/3 Amp  
Power Supply**