

# High Res. DSP Color Camera

1/3" Color, 480 TVL, 0.5lux

HR-A04PH-GK, HR-A04PA-GK, HR-A04NA-GK



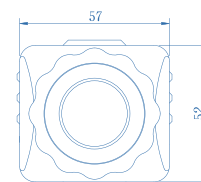
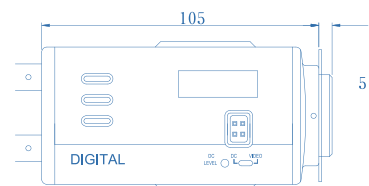
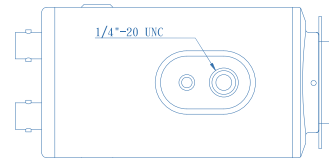
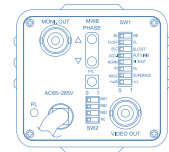
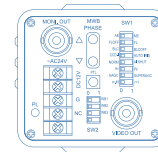
## Features

- SONY SS-1M digital signal processor (DSP) allows better picture quality and full function contro
- 1/3" SONY Super HAD CCD with 470K/410K pixels (PAL/NTSC )
- High/ Standard resolution 480 TV Lines
- Hight sensitivity less than 0.5 lux at F1.2 (30 IRE, SAGC on)
- Outstanding signal to noise ratio better than 48dB
- Versatile exposure system AES, Manual Iris, Auto Iris with shutter speed, Flickerless
- Auto Iris with 8 shutter speed selectable, ideal for traffic surveillance
- 225 areas auto detects back light compensation
- Advance ATW/ AWB/ MWB/ PTL, 4 preset modes
- Automatic Internal/Line Lock switching function
- Isolated switching power AC 24V/DC 12V, AC 100V~240V

## Specifications

MODEL NO.	K-KC5H2P-M	K-KC5H3P-M	K-KC5H2N-M	K-KC5H3N-M
Image sensor	1/3" Interline Transfer SONY Super HAD CCD			
Singal system	PAL		NTSC	
Picture elements	795 (H) x 596 (V)		811 (H) x 508 (V)	
Scanning system	625 lines, 2:1 Interlace		525 lines, 2:1 Interlace	
Sync system	DC Internal/ AC Line-lock			
Horizontal resolution	480 TV Lines			
Minimum illumination	0.5 lux at F1.2 (30 IRE, SAGC ON)			
Gain	AGC 30dB; SAGC 36dB			
S / N ratio	Better than 48dB			
Auto Exposure System (AES)	4 Modes selectable by dip switch			
AE CCD Iris Mode	1/50 ~ 1/100,000 sec		1/60 ~ 1/100,000 sec	
AE AES low mode (Flickerless)	1/120~1/100,000 sec		1/100 sec (Flickerless)	
AE Auto Iris Mode	1/50 sec		1/60 sec	
AE AI Shutter mode	1/50~1/10,000 sec 8 Steps		1/60~1/10,000 sec 8 Steps	
Manual exposure system (ME)	1/50~1/10,000 sec 8 Steps		1/60~1/10,000 sec 8 Steps	
ME Gain	0,6,12,18dB			
Auto Iris lens type	DC / Video servo iris lens			
White balance	ATW/ AWB/ MWB/ PTL, 4 preset modes			
Gamma	0.45 / 1			
Backlight compensation	Auto Detect ON/OFF; Histogram plus 225 area windows weight			
Video output signal	BNC, 1.0V p-p at 75Ω load			
Operation temperture	-10°C to 50°C			
Power supply	AC 24V & DC 12V	AC 100V ~ AC 240V	AC 24V & DC 12V	AC 100V ~ AC 240V
Phase adjustment	V phase adjustment ( ± 90° )			
Power consumption	3.5W (DC type); 5.0W (AC type)			
Dimensions (W x H x D)	57 x 52 x 110mm			

## Dimensions



specifications and appearance are subject to change without notice