

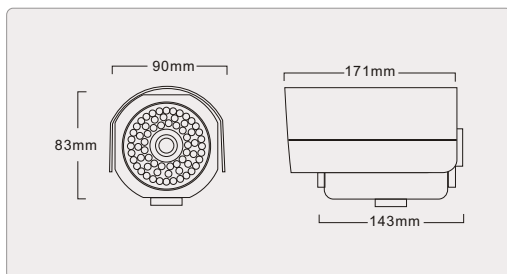
LF Series Outdoor IR Auto-varifocal Color Camera

KC-LF3148
KC-LF3142

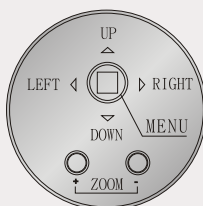


FEATURES

- OSD Menu Control
- Built-in 4-9mm/8-20mm varifocal lens
- Lens adjustable external
- Auto focus
- 1/3" Sony SUPER HAD CCD
- Auto White Balance
- Automatic Gain Control & BLC
- Waterproof IP65



Rear view



SPECS

MODEL	KC-LF3148	KC-LF3142
Image Sensor	1/3" SONY SUPER HAD CCD	
DSP System	Keeper DSP chipset	
TV System	PAL/NTSC	
Effective Pixels	PAL:795H*596V NTSC:811H*508V	PAL:537H*597V NTSC:537H*505V
Horizontal resolution	480TVL	420TVL
Minimum Illumination	0Lux/F1.2(IR ON)	
S/N Ratio	48dB(AGC OFF)	
Video Output	Composite 1.0Vp-p at 75ohm	
White Balance	AWB	
AGC	Adjustable	
Backlight Compensation	Adjustable	
Electronic Shutter	1/50 ~ 1/120000sec	
Gamma correction	0.45	
Sync.System	Internal	
IR LED	42PCS * 5mm IR LED	
Lens	4-9mm/8-20mm Optional	
IR View Distance	30m	
Power Supply	DC12V/400mA	
Operation Temperature	-10°C ~ +50°C	
Dimension	90(W)mm*83(H)mm*171(L)mm	
Net Weight	1300g	

LD IR 27X waterproof Day & Night Color Camera

KC-LD27X

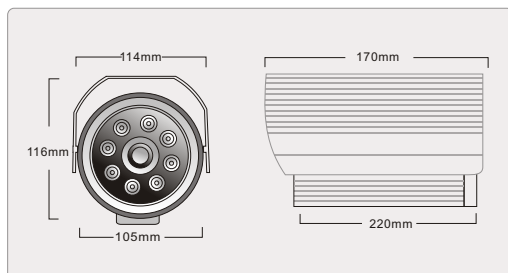


FEATURES

- 1/3" SONY Exview HAD CCD
- High-performanle All-In-One IR Camera
Day & Night monitoring
- 8 Pcs IR LEDs with High-power and long Range
- 100m IR view Distance
- Using High-quality lens making the picture clearer

SPECS

MODEL	KC-LD27X
Image Sensor	1/3" SONY Exview HAD CCD
DSP System	Sony SS-11X DSP chipset
TV System	PAL/NTSC
Effective Pixels	PAL:537H*597V NTSC:537H*505V
Horizontal resolution	420TVL
Minimum Illumination	0Lux/F1.2 (IR ON)
S/N Ratio	48dB(AGC OFF)
Video Output	Composite 1.0Vp-p at 75ohm
White Balance	Auto
AGC	Auto
Backlight Compensation	Auto
Electronic Shutter	1/50 ~ 1/120000sec
Gamma correction	0.45
Sync.System	Internal
IR LED	8PCS* 20mm IR LED
Lens	27x(3.9-105.3mm)
IR View Distance	100m
Power Supply	DC12V/750mA
Operation Temperature	-10°C ~ +50°C
Dimension	114(W)mm*170(H)mm*220(L)mm
Net Weight	1100g



U Series waterproof IR Day & Night Color Camera

KC-U3154
KC-U3148
KC-U3142

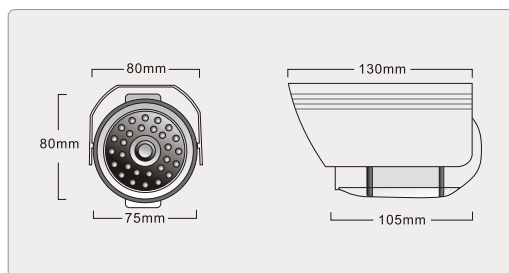


FEATURES

- 1/3" SONY SUPER HAD CCD
- Automatic Gain Control & BLC
- 36 High Output IR LED's W/45' Range
- Unique Design Suitable For Indoor/Outdoor
- Weather Resistance IP66

SPECS

MODEL	KC-U3154	KC-U3148	KC-U3142
Image Sensor	1/3" Sony EXview HAD CCD	1/3" SONY SUPER HAD CCD	
DSP System	Sony SS1 DSP chipset		Sony SS-11 DSP chipset
TV System	PAL/NTSC		
Effective Pixels	PAL:795H*596V NTSC:811H*508V		PAL:537H*597V NTSC:537H*505V
Horizontal resolution	540TVL	480TVL	420TVL
Minimum Illumination	0Lux/F1.2 (IR ON)		
S/N Ratio	48dB(AGC OFF)		
Video Output	Composite 1.0Vp-p at 75ohm		
White Balance	Auto		
AGC	Auto		
Backlight Compensation	Auto		
Electronic Shutter	1/50 ~ 1/120000sec		
Gamma correction	0.45		
Sync.System	Internal		
IR LED	36PCS* 5mm IR LED		
Lens	6mm/8mm/12mm/16mm(Optional)		
IR View Distance	30m		
Power Supply	DC12V/400mA		
Operation Temperature	-10°C ~ +50°C		
Dimension	80(W)mm*80(H)mm*130(L)mm		
Net Weight	640g		



LA Series IR waterproof Day & Night Color Camera

KC-LA3148EX

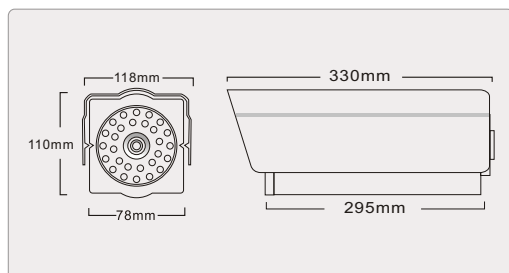
KC-LA3148

KC-LA3142



FEATURES

- 1/3" SONY SUPER HAD CCD
- Automatic Gain Control & BLC
- 30High output IR LED's W/60' Range
- Built-in Excellent Value Lens.
- Photocell Turns on IR LED's at 10 Lux
- Available in 110V AC/230V AC
- Weather Resistance IP66



SPECS

MODEL	KC-LA3148EX	KC-LA3148	KC-LA3142
Image Sensor	1/3" Sony EXview HAD CCD	1/3" SONY SUPER HAD CCD	
DSP System	Sony SS1 DSP chipset		Sony SS-11 DSP chipset
TV System	PAL/NTSC		
Effective Pixels	PAL:795H*596V NTSC:811H*508V		PAL:537H*597V NTSC:537H*505V
Horizontal resolution	480TVL		420TVL
Minimum Illumination	0Lux/F1.2 (IR ON)		
S/N Ratio	48dB(AGC OFF)		
Video Output	Composite 1.0Vp-p at 75ohm		
White Balance	Auto		
AGC	Auto		
Backlight Compensation	Auto		
Electronic Shutter	1/50 ~ 1/120000sec		
Gamma correction	0.45		
Sync.System	Internal		
IR LED	10Pcs* 8mm and 8Pcs* 10mm IR LED		
Lens	16mm(Optional)		
IR View Distance	65m		
Power Supply	AC110V/AC230V 12W		
Operation Temperature	-10°C ~ +50°C		
Dimension	118(W)mm*110(H)mm*330(L)mm		
Net Weight	1850g		

LT Series Outdoor IR Camera with varifocal lens

KC-LT3154

KC-LT3142

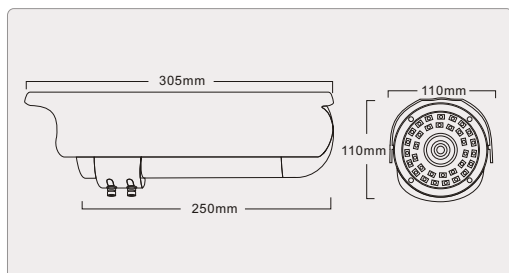


FEATURES

- With varifocal Lens, using magnet to zoom and focal
- NEW 1/3" Sony Super HAD CCD
- Automatic Gain Control & BLC
- 30 units 850nm infrared LED
- Unique Design Suitable For Indoor/Outdoor
- Waterproof IP65

SPECS

MODEL	KC-LT3154	KC-LT3142
Image Sensor	NEW 1/3" Sony Super HAD CCD (ICX6 **AKA)	
DSP System	Sony SS-11 DSP	
TV System	PAL/NTSC	
Effective Pixels	PAL:768H*492V NTSC:752H*582V	PAL:512H*492V NTSC:512H*482V
Horizontal resolution	540TVL	420TVL
Minimum Illumination	0.2Lux, 0 Lux/F1.2 IR on	0.3Lux, 0 Lux/F1.2 IR on
S/N Ratio	48dB(AGC OFF)	
Video Output	Composite 1.0Vp-p at 75ohm	
White Balance	Auto	
AGC	Auto	
Backlight Compensation	Auto	
Electronic Shutter	1/50 ~ 1/120000sec	
Gamma correction	0.45	
Sync.System	Internal	
IR LED	30 Units 850nm infrared LED	
Lens	Built-in 4-9mm varifocal lens	
IR View Distance	30meters (Subject to IR reflection conditions)	
Power Supply	DC12V(IR on: 500mA, IR off: 150mA)	
Operation Temperature	-10°C ~ +50°C	
Dimension	110(W)mm * 110(H)mm * 305(L)mm	
Net Weight	1720g	



LG Series Outdoor waterproof IR Camera with varifocal lens

KC-LG3154

KC-LG3142

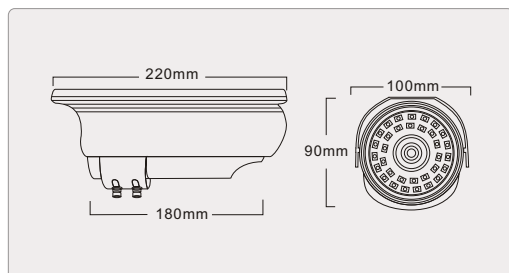


FEATURES

- With varifocal Lens,using magnet to zoom and focal
- NEW 1/3" Sony Super HAD CCD (ICX6 **AKA)
- Automatic Gain Control & BLC
- 30 units 850nm infrared LED
- Unique Design Suitable For Indoor/Outdoor
- Waterproof IP65

SPECS

MODEL	KC-LG3154	KC-LG3142
Image Sensor	NEW 1/3" Sony Super HAD CCD (ICX6 **AKA)	
DSP System	Sony SS-11 DSP	
TV System	PAL/NTSC	
Effective Pixels	PAL:768H*492V NTSC:752H*582V	PAL:512H*492V NTSC:512H*482V
Horizontal resolution	540TVL	420TVL
Minimum Illumination	0.2Lux, 0 Lux/F1.2 IR on	0.3Lux, 0 Lux/F1.2 IR on
S/N Ratio	48dB(AGC OFF)	
Video Output	Composite 1.0Vp-p at 75ohm	
White Balance	Auto	
AGC	Auto	
Backlight Compensation	Auto	
Electronic Shutter	1/50 ~ 1/120000sec	
Gamma correction	0.45	
Sync.System	Internal	
IR LED	30 Units 850nm infrared LED	
Lens	Built-in 4-9mm varifocal lens	
IR View Distance	30meters (Subject to IR reflection conditions)	
Power Supply	DC12V(IR on: 500mA, IR off: 150mA)	
Operation Temperature	-10°C ~ +50°C	
Dimension	100(W)mm x 90(H)mmx 220(L)mm	
Net Weight	1910g	



All-in-one 27X Optical Zoom IR waterproof camera

KC-LW3142

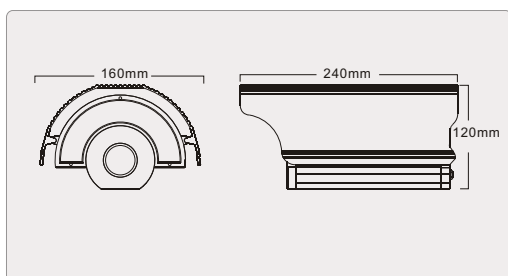


FEATURES

- 1/4" SONY SUPER HAD CCD
- 27X Optical Zoom and high sensitivity All-in-one color camera
- Power on memory function
- OSD menu control
- RS-485 remote control
- 36pcs 8mm IR Led
- Waterproof IP66



Hot and cold convert
structure



SPECS

MODEL	KC-LW3142
Image Sensor	1/4" SONY SUPER HAD CCD
Effective Pixels	PAL:752(H)*582(V)/NTSC:768(H)*492(V)
TV System	PAL/NTSC
Horizontal Resolution	420TVL
Minimum Illumination	0.5Lux/F1.2
BLC	Auto
AGC	Auto
White Balance	Auto
Electronic Shutter	1/50(1/60) ~ 1/1200000sec
S/N Ratio	>48dB
Gamma correction	0.45
Operation Temperature	-10°C ~ 50°C
Sync.System	Internal
Video output	1.0vp-p/75 , Negative
Lens	3.9-105.3mm
IR Led	36pcs 8 IR led
IR View Distance	60m
Power supply	DC12V 1V
Dimension	240(L) * 160(W) * 120(H)
Weight	1000g

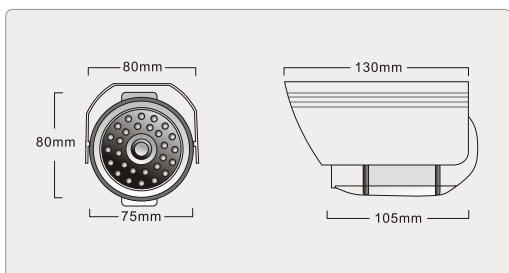
Parking dedicated camera

KC-UP3154



FEATURES

- 1/3" Sony Exview HAD CCD
- 540TVL High Resolution
- Hitachi digital processing chips, with frame accumulation function
- Min.Illumination: 0.001Lux
- 36pcs High Output IR Leds, Projecting the light source in different angles makes the image clearer
- Visible distance at 0" Lux(IR on) 30M
- Waterproof Ip66



SPECS

MODEL	KC-UP3154
Image Sensor	1/3" Sony Exview HAD CCD
Effective Pixels	NTSC:811(H) * 508(V) PAL:795(H) * 596(V)
TV System	PAL/NTSC
Horizontal Resolution	540 TVL
Minimum Illumination	0.001Lux at F1.2 IR on
R/N ratio	More than 60dB
Gain Control	Auto
White Balance	Auto
BLC	Auto
Electronic Shutter	NTSC:1/60-100,000sec. PAL:1/50-100,000sec
Gamma Correction	0.45
Sync. System	Internal
Lens	6mm, 8mm,12mm,16mm Optional
Video Output	1.0 Vp-p at 75 Ohm
IR LED	36pcs 5 IR Leds
IR view distance	30M
Power supply	DC12V 1V
Operation Temperature	-10°C ~ +50°C
Dimension(mm)	160(L) * 80(W) * 60(H)
Weight (N.W)	640g

L-6 Series waterproof IR Day & Night Color Camera

KC-L3154-6
KC-L3148-6
KC-L3142-6

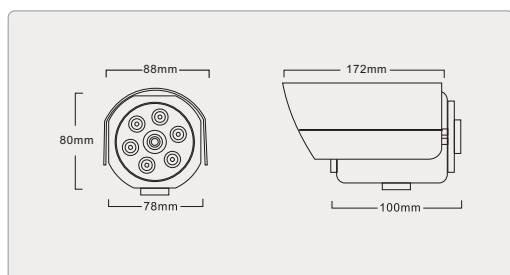


FEATURES

- 1/3" SONY SUPER HAD CCD
- Automatic Gain Control & BLC
- 6 Super Long Range IR LED's (Ensure 4 times higher brightness)
- Unique Design Suitable For Indoor/Outdoor
- 60m IR view Distance
- Photocell turns on IR LED's below 10Lux
- Weather Resistance IP65

SPECS

MODEL	KC-L3154-6	KC-L3148-6	KC-L3142-6
Image Sensor	1/3" Sony EXview HAD CCD	1/3" SONY SUPER HAD CCD	
DSP System	Sony HQ1 DSP chipset	Sony SS1 DSP chipset	
TV System	PAL/NTSC		
Effective Pixels	PAL:795H*596V	NTSC:811H*508V	PAL:537H*597V NTSC:537H*505V
Horizontal resolution	540TVL	480TVL	420TVL
Minimum Illumination	0Lux/F1.2 (IR ON)		
S/N Ratio	48dB(AGC OFF)		
Video Output	Composite 1.0Vp-p at 75ohm		
White Balance	Auto		
AGC	Auto		
Backlight Compensation	Auto		
Electronic Shutter	1/50 ~ 1/120000sec		
Gamma correction	0.45		
Sync.System	Internal		
IR LED	6 Super Long Range IR LED's		
Lens	8mm/12mm/16mm Optional		
IR View Distance	60m		
Power Supply	DC12V/650mA		
Operation Temperature	-10°C ~ +50°C		
Dimension	88(W)mm * 80(H)mm * 172(L)mm		
Net Weight	1070g		



L-64 Series IR Camera

KC-L3154-64
 KC-L3148-64
 KC-L3142-64

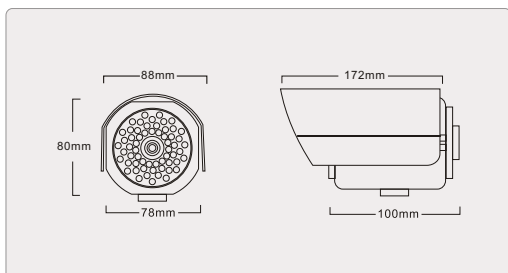


FEATURES

- 1/3" SONY SUPER HAD CCD
- Automatic Gain Control & BLC
- 64 High Output IR LED's W/45' Range
- Unique Design Suitable For Indoor/Outdoor
- 50m IR view Distance
- Weather Resistance IP65

SPECS

MODEL	KC-L3154-64	KC-L3148-64	KC-L3142-64
Image Sensor	1/3" Sony EXview HAD CCD	1/3" SONY SUPER HAD CCD	
DSP System	Sony Hq1 DSP chipset	Sony SS1 DSP chipset	
TV System	PAL/NTSC		
Effective Pixels	PAL:795H*596V	NTSC:811H*508V	PAL:537H*597V NTSC:537H*505V
Horizontal resolution	540TVL	480TVL	420TVL
Minimum Illumination	0.1Lux @ 122' (IR ON)		
S/N Ratio	48dB (AGC OFF)		
Video Output	Composite 1.0Vpp @ 75ohm		
White Balance	Auto		
AGC	Auto		
Backlight Compensation	Auto		
Electronic Shutter	1/50-1/12000sec		
Gamma correction	0.45		
Sync System	Internal		
IR LED	64Pcs * 5mm IR LED with 850nm Infrared Wavelength		
Lens	3.6mm/6mm/8mm/11mm/16mm Optional		
IR View Distance	50m		
Power Supply	DC 12V/850mA		
Operation Temperature	-10°C ~ +50°C		
Dimension	88(W)mm*80(D)mm*172(L)mm		
Net Weight	1070g		



S Series waterproof IR Day & Night Mini Color Camera

KC-S3142

KC-S4140

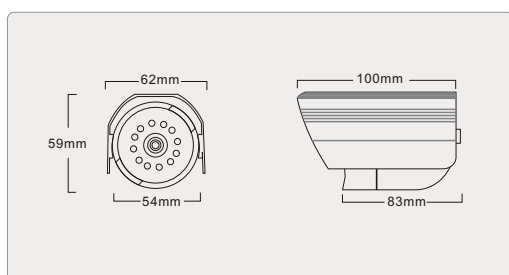


FEATURES

- Automatic Gain Control & BLC
- 12 High Output IR LED's W/45' Range
- Unique Design Suitable For Indoor/Outdoor
- Photocell turns on IR LED's below 10 Lux
- Weather Resistance IP65

SPECS

MODEL	KC-S3142	KC-S4140
Image Sensor	1/3" SONY SUPER HAD CCD	1/4" SHARP CCD
DSP System	Sony SS-11 DSP chipset	SHARP DSP chipset
TV System	PAL/NTSC	
Effective Pixels	PAL:537H*597V NTSC:537H*505V	PAL:542H*582V NTSC:512H*492V
Horizontal resolution	420TVL	
Minimum Illumination	0Lux/F1.2 (IR ON)	
S/N Ratio	48dB(AGC OFF)	
Video Output:	Composite 1.0Vp-p at 75ohm	
White Balance	Auto	
AGC	Auto	
Backlight Compensation	Auto	
Electronic Shutter	1/50 ~ 1/120000sec	
Gamma correction	0.45	
Sync.System	Internal	
IR LED	12PCS* 5mm IR LED	
Lens	3.6mm Optional	
IR View Distance	15m	
Power Supply	DC12V/300mA	
Operation Temperature	-10°C ~ +50°C	
Dimension	62(W)mm*59(H)mm*100(L)mm	
Net Weight	370g	



R Series waterproof IR Day & Night Mini Color Camera

KC-R3142

KC-R3140

KC-R4140

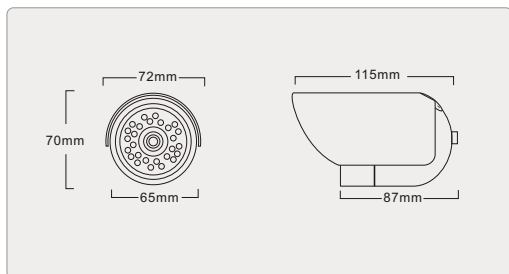


FEATURES

- 420 Lines of Resolution
- Automatic Gain Control & BLC
- 24 High Output IR LED's W/45' Range
- Unique Design Suitable For Indoor/Outdoor
- Infrared light auto turn on below 10Lux
- Weather Resistance IP66

SPECS

MODEL	KC-R3142	KC-R3140	KC-R4140
Image Sensor	1/3" SONY CCD	1/3" SHARP CCD	1/4" SHARP CCD
DSP System	Sony SS-11 DSP chipset	SHARP DSP chipset	
TV System	PAL/NTSC		
Effective Pixels	PAL:537H*597V NTSC:537H*505V	PAL:542H*582V NTSC:512H*492V	
Horizontal resolution	420TVL		
Minimum Illumination	0Lux/F1.2 (IR ON)		
S/N Ratio	48dB(AGC OFF)		
Video Output	Composite 1.0Vp-p at 75ohm		
White Balance	Auto		
AGC	Auto		
Backlight Compensation	Auto		
Electronic Shutter	1/50 ~ 1/120000sec		
Gamma correction	0.45		
Sync.System	Internal		
IR LED	24PCS* 5mm IR LED		
Lens	6mm/8mm/12mm Optional		
IR View Distance	25m		
Power Supply	DC12V/300mA		
Operation Temperature	-10°C ~ +50°C		
Dimension	72(W)mm*70(H)mm*115(L)mm		
Net Weight	460g		



IR Day&Night Waterproof Dual-CCD CCTV Camera

KC-LY3142



FEATURES

- Dual-CCD system 420TVL
- Using 48pcs* 8mm High-power IR leds
- Shooting distance up to 100meters
- Waterproof grade: IP65

SPECS

MODEL	KC-LY3142
Image sensor	1/3" SONY CCD
Effective Pixels	NTSC:510(H)* 492(V) PAL:500(H) * 582(V)
Scanning system	625TVL
Sync.system	Internal
Minimum Illumination	Color0.5 Lux(F1.2,5600° K)/ B/W 0 Lux/F1.2(IR on)
Horizontal Resolution	420TVL
White Balance	AUTO
White Balance range	3200-10000° K
Automatic Gain Control	ON/OFF switchable
S/N Ratio	48dB(min)/52dB(max)(AGC off)
Electronic Shutter	1/50~1/120,000sec(PAL)/ 1/60~1/120,000sec(NTSC)
Backlight compensation	ON/OFF switchable
Lens	12mm optional
IR leds	48pcs* 8mm High-power IR leds
Video Output	Composite video singal output,1.0Vp-p at 75ohm
Operation Temperature	-20°C ~ +50°C
Operation Humidity	Below 85%RH
Power Supply	DC 12V
Power	8W
Net Weight	1200kg
Dimension	105mm * 140mm * 205mm

