

WATERPROOF B/W CAMERA SERIES SK-2020/SK-2020X/SK-2040

Installation / Instruction Manual

FEATURES

1. IR LEDs turn on under 5Lux automatically by CDS cell. (IR LEDs on/off types only.)
2. The light of LED reaches about 5~10m range at night. (Indoor)
3. This is an ideal camera for outdoor use. It is possible to dip the camera into the water. (30m underwater guarantee.)

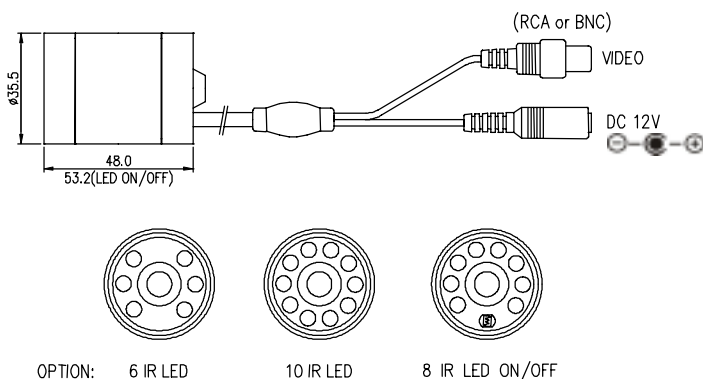
PRECAUTION

1. Choose an ideal location for the camera, since a camera unit must be protected against vibration.
2. Be careful not to scratch the camera unit, especially lens glass.
3. Keep the camera under proper temperature ($-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$).
4. Handle with care. Dropping it can cause serious damage to the camera.
5. Avoid any direct sun light into the lens.
6. Use the AC adaptor 12V DC regulated.

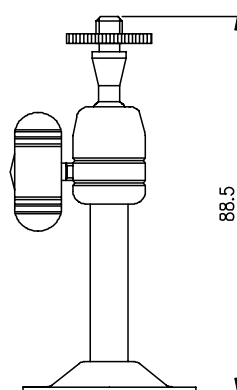
SPECIFICATION

SK-2020 / SK-2020X / SK-2040			
Image sensor & Pixels	SK-2020 : 1/3" B/W SONY SUPER HAD CCD 270K	S/N ratio	45dB or more (AGC off)
	SK-2020X : 1/3" B/W SONY EXview HAD CCD 270K	Gamma	$\gamma = 0.45$
SK-2040 : 1/3" B/W SONY SUPER HAD CCD 410K			
Scanning System	2:1 Interlace	Gain Control	Automatic Gain Control
Output signal	1.0Vp-p (Sync. Negative) Termination 75 Ω	Consumption current	150mA Max. (LEDs Off) 240mA Max. (LEDs On)
Min illumination	0.1 Lux (SK-2020/SK-2040) 0.003 Lux (SK-2020X)	Power supply	Regulated DC 12V
Horizontal Resolution	400TV-line (SK-2020/SK-2020X) 570TV-line (SK-2040)	Shutter speed	1/60 ~ 1/100,000 second (EIA) 1/50 ~ 1/100,000 second (CCIR)
Lens	Fixed Focal Lens	Video out	RCA or BNC
LED ON/OFF (option)	5 Lux under	Operation Temp.	$-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$
Weight	Approx. 210 g	Preservation Temp.	$-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$

DIMENSIONS



MOUNTING BRACKET



Note: All specification is subject to change without notice to improve quality.

