

RF Concepts CC50C-18

Key Features Night View /Underwater Color camera

*EX-Clear view at total darkness (0 Lux /F2.0- 20M View)

With the built-in high sensitive, long range(840nm) IR LEDs x 20 plus High sensitive 1/3" CCD camera, it completely uncover the covert area within the distance of 20M(65 foot) with an extraordinary clear view in pitch black darkness without lighting.

*Automatic Color to BW switching at night(IR sensitive color for DAY/NIGHT view)

At day light condition, it gives a natural color image and when the illumination comes darker than below 1 lux, the picture become B/W image mode automatically in order to work the camera with LED illumination. LED light does not affect the color image reproduction at day light.

*Excellent colour reproduction close to the human eye performance.

Producing a true natural coloration which is close to the performance of human eye add its value to maximum. This wonderful achievement is an integrated output from a perfect combination of sophisticated hardware and software technology, including 1/3" CCD sensor ,our own noise-free power circuit and the company's know-how.

*Automatic LED ON/OFF conversion at Night and Day

The LED light are automatically on at below 1 lux and off at over 1 lux illumination.

*Regulated power control circuit built-in, Reverse polarity power input protection circuit built-in

To ensure of reliability against a long time operation of the unit, it builds-in the protection either from overheating or from reverse power input

*Beautiful design & unremoved coating

The camera design matches well with the products quality. It looks so elegant as much as the camera quality stands for. The unique face aims to best fit to the environment decorative to any place. It lasts its beautiful shape long time with an unremoved coating process.

*Complete waterproof mechanism (Guaranty 50M deep underwater)

* It is perfectly waterproof so that it can go deeper than 50 M underwater. It is completely sealed at vacuum status in manufacturing process to ensure of no condensation against any harsh weather fluctuation or severe water pressure. No wonder it eliminates worry about moisture condensated after the camera is installed or during the underwater surveillance.

*Rust-free brass housing & Non-stretchable waterproof cable

It is made of brass housing to avoid an erosion against salty water or air for long. Strong coating on the case insures of more protection against salty environment. The cable is non-stretchable to withstand the heavy underwater pressure.

*Audio Available (Option)

High sensitive, very clear one way audio is supplied by either internally or externally with a flexible length of audio cable.

* Compact size

The camera is designed with the most minimum size with 50mm(D)x77mm(L) so that the unit be concealed at users convenience.

* All the production and quality control are conducted under ISO9001 system and it is fully waterproof tested before packing.

* Standard cable length for underwater purpose is 18M. Longer up to 50M distance is available with model CC70IR-50

* There are 3 mounting holes so that it can be installed and held at flexible direction without limitation.

Specification

MODEL	CC50-18	
Image sensor	1/3" DSP Color CCD	
Effective Pixels	NTSC : 512(H)x492(V) PAL : 500(H)x582(V)	
H.Resolution	380 TV Lines	
Synchronizing system	Internal	
Scanning system	NTSC 525 Lines PAL 625 Lines 2:1 Interlaced	
Video output	1.0Vp-p Composite. 75 Ohms	
S/N ratio	More then 50 dB (AGC Off)	
Min. Illumination	0,000 Lux at F2.0	
BLC	Automatic	
Shutter Speed	NTSC : 1/60 ~ 1/100,000 sec PAL : 1/50 ~ 1/100,000 sec	
Gamma correction	r=0.45	
White Balance	2100°K ~ 8200°K Auto	
Gain Control	8dB~30dB Auto	
Smear Effect	0.005%	
MTBF	80,000 hours	
Power source	DC12V (Tolerance:9V~15V)	
LED ON/OFF	Automatically ON and OFF at night and day	
Operating current	190mA with LED on, 100mA with LED off	
Lens	Standard	4.3mm (78')
	Option	3.6mm (92'), 6.0 mm (54'), 8.0mm (39'), 12.0mm (26') , 16.0mm (19')
Operating Temperature	14° F~122° F (-10° C~ + 50° C)	
Humidity	Within 90% RH	
Output Terminal	4 Foot(1.2M) DIY cable with BNC-Female for Video, DC Jack-Male for Power	
	60~150 Foot(18M~50M) DIY cable with BNC-Male for Video, DC Jack-Male for Power	
Measurement(mm)	50mm(Dia) x 77mm(L)	
Weight(Approx.g)	500	
Audio & C-mic("A")	Available by option	



