

✘Do not open the housing, otherwise  
waterproof function will not be guaranteed.

# CT-58IRCHS

## Color Super High Power CCD IR Camera-50M (High Resolution)

### ● Features

- Usage of hard glass, 1/3" color IR CCD (Night Vision) camera
- 0 lux (IR ON) at 4.3, 6.0, 8.0,12.0, 16.0, 25.0mm F1.8 board lens
- Zero color rolling, low smear, 48 zone auto BLC and edge enhancement
- Built in super high power IR LED, CCD color image automatically changed into B/W image in the dark. IR distance depends on the lens selection:  
25mm lens: IR distance: 80M  
12mm / 16mm lens: IR distance: 50M  
6mm / 8mm lens: IR distance: 30M
- Weatherproof aluminum housing IP66 for both indoor or outdoor use



### ● Specifications

#### IR

Input Voltage	:DC 12V 660mA (+/-10%)
Distance	:IR distance base on camera sensitivity and lens selection
View Angle/Beam Spread	:25°/ 40°
Power Consumption	:8.0 Watts
LED	:4 units super high power IR LED & 10 units 850nm IR LED, 6000hrs

#### Color CCD Camera

Image Sensor Device	:1/3-inch Super HAD CCD Image Sensor
CCD Effective Pixels	:(NTSC):811(H) x 508(V), (PAL):795(H) x 596(V)
Scanning System	:(NTSC):525 lines,60 fields/sec, (PAL):625 lines,50fields/sec
Sensitivity	:0.01 lux F1.2, 0 lux (IR ON),4.3, 6.0, 8.0,12.0,16.0,25.0mm Board Lens
S/N Ratio	:52dB (MIN) / 60dB (TYP) (AGC OFF)
Resolution	:500 TV lines
Gain Control / BLC Function	:Auto
Gamma Correction	:0.45
Video Output	:1.0Vp-p composite video at 75 ohm
White Balance	:ATW/AWB (3200-10000°K)(Zero color rolling)
Electronic Shutter	:(NTSC):1/60-1/120,000 sec. (PAL):1/50-1/120,000 sec.
Power Consumption	:DC 12V 150mA (+/-10%)

#### Construction

Windows	:φ75mm Heat-Resisting Glass
Water Resistance	:IP 66
Power Supply	:AC110V/220V, DC12V 1.2A (+/-10%)
Operating temperature	:-20°C to +50°C
Construction	:Aluminum, with light gray anodized finish
Dimensions / Weight	:φ105X200(L)mm, 2.0 Kg (4.4 lb)

Color Super High Power CCD IR Camera

