

## RF Concepts 21CWSHR

### High resolution 1/3" Color CCD Bullet Camera ( Weatherproof version)

#### \*1/3" DSP Color Sony CCD, High resolution

It is the world's first High resolution Color camera in a bullet style. It is noticeable in that the unit is used with the most high end 1/3" Color CCD chip set among the list of Sony grade. It is highly recommended for a special requirement where need more precise, more bright and high resolution such as for medical site, chemical plants, defence areas, precise Inspection equipments or for crowded big halls etc.  
The same design with a variety of different versions are also available

#### \*Lens Exchangeable

The smart idea with user friendly mechanized housing makes it possible to adapt a wide range of different focal lens. Installers can change the lens with no special skill, very easily with no need of changing the camera itself in order to fix the suitable angle of view or adequate focal distance.

#### \*Condensation free

Our weatherproof versions provide a perfect solution for moisture leakage against any harsh weather condition.  
The camera is completely sealed in a clear vacuum status to resist moisture or water from smearing into the camera under the fluctuating sunny and rainy weather.

#### \*Compact Size

Incorporating all innovative features, those are used with 1/3" DSP Color CCD format and made with the world's smallest size.

#### \*Beautiful design

Our fine craftsmanship reaches not only to the picture quality and compact size but also to the products GD(Good Design)  
All we manufacture have their own unique face and shape firstly aiming to best fit to the environment decorative to any place.

#### \*Easy Installation

Universal type of mounting structure plus user friendly developed camera design provide a useful way of installation mountable to any place such as on the ceiling, on the wall, on the shelf or at the corner providing adjustable 360 degree of camera angle without permitting any invisible position.

#### \* Audio Available ( Option )

#### \* Reverse Polarity protection built in



### Specification

High res 480 TVL

Image sensor	High Resolution, 1/3" DSP Color CCD (Sony)		
Effective Pixels	Version	" HR "	NTSC : 768(H)X494(V) PAL : 752(H)X582(V)
H.Resolution	Version	" HR "	480 TV Lines
Min. Illumination	Version	" HR " :	0.5 Lux at F2.0
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)		
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	4dB~30dB Auto		
Smear Effect	0.005%		
MTBF	80,000 hours		
Power source	DC12V (Tolerance:8V~15V)		
Operating current	130mA w / regulated power input		
Lens	Standard	4.3mm (78°)	with sunhood
	Option	2.9 (120°)	
		8.0 (39°)	
Operating Temperature	14° F~122° F ( -10° C~ + 50° C )		
Humidity	Within 90% RH		
Output Terminal	6 Foot DIY cable with BNC-Female for Video, DC Jack-Male for Power		
Measurement(mm)	21(Dia) x 72(L)	21 (Dia) x 77 (L)	
Weight(Approx.g)	210	220	
Optional	IR Sensitivity	Infra-Red Light sensitive without loosing the true coloration at day light	
Functions	Audio	External Audio with C-Microphone " - 35dB / mV "	