

RF Concepts 21CWSHRX

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

*1/3" DSP Color Sony EXVIEW 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.

*DAY & NIGHT Version with EX-VIEW HAD CCD

The model is compatible to use an EX-View HAD CCD which has a remarkable light sensitivity in both 470,000 pixels, high resolution and 270,000 pixels standard resolution. It can see clearly at 0.1 lux at F2.0. It is very suitable as a Day/Night surveillance when it is combined with IR Sensitive solution.

*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.

* IR Sensitivity (Option)

This option offers a solution for the camera to work with a separate IR illuminator for DAY/NIGHT view without affecting the coloration at day light.

* Audio Available (Option)

* Reverse Polarity protection built in

Specification

EX-View HAD 480 TVL	21CWSHRX	21CWSHRX Roof	
Image sensor			High Resolution, 1/3" DSP Color CCD (Sony)
Effective Pixels	Version	" S ", " X " :	
		" HR ", " HRX " :	NTSC : 768(H)X494(V) PAL : 752(H)X582(V)
H.Resolution	Version	" HR ", " HRX " :	480 TV Lines
Min. Illumination	Version	" X ", " HRX " :	0.1 Lux at 2.0 (EX-View version)
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 than 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°)
	Option		2.9mm, 3.6mm(92°)
			6.0 (54°), 8.0 (39°)
			12 (26°), 16 (19°)
Operating Temperature			14° F~122° F (-10° C~ + 50° C)
Humidity			Within 90% RH
Output Terminal			2 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 losing the true coloration at day light
Functions	Audio		External Audio with C-Microphone " - 35dB / mV "

with sunhood



1

als,