

VC45CSHR-12/12-24/230

C/CS Box camera

Product Information

VC45CSHR is a high performance C/CS camera with a new state-of-the-art implementation of DSP technologies optimized for the demands of 24/7 professional applications.

The unit incorporates Sony Super HAD/Ex-view HAD chip set and an automatic Day/Night image conversion from Color to B/W at 5Lux darkness maintains the picture quality at daytime a true Color and a noiseless clear B/W image at nighttime enhancing the sensitivity of up to 0.01Lux/F1.2 and the resolution up to 600TVL.

Built-in user's friendly DIP SW functions offers White Balance-Push lock/ Line Lock/ ATW etc. They enhance the camera's image reproduction capability, suitable for all environments and in variable light circumstances.

The model has an unique C/CS mounting converter with which users can adjust the flange back fine focus for all different sources of C/CS mount lenses.



Key Features

Day & Night (Automatic conversion from Color to B/W at 5 Lux)

Super Low Lux Sensitivity (Ex-view HAD) Super HAD)

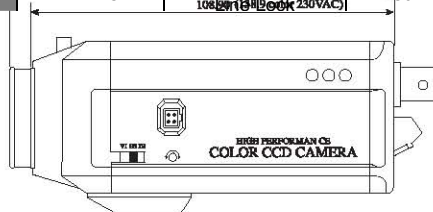
Extremely accurate color reproduction with 10 bit data process Higher resolution of

560TVL(Day)/600TVL(Night) Built-in DIP SW (BLC On/Off, AGC Nor/Max, AWB/Push Lock, Gamma

- Surge voltage input protection built-in
- Reverse polarity power input protection built-in
- 12VDC

Models optional by CCD

Color	12VDC	12VDC/24VAC Line Lock	230VAC Line Lock
Super HAD 400TVL	VC45CS-12	VC45CS-24L	VC45CS-230L
Super HAD 500TVL	VC45CSHR-12	VC45CSHR-24L	VC45CSHR-230L
Ex-view HAD 500TVL	VC45CSHRX-12	VC45CSHRX-24L	VC45CSHRX-230L
B/W	12VDC	12VDC/24VAC Line Lock	230VAC



MODEL	VC45CSHR-12	VC45CSHR-24	VC45CSHR-230
Power source	DC12V	12VDC/24VAC	230VAC
Image sensor	1/3" SONY Super HAD CCD (VC45CSHR) Ex-view HAD CCD (VC45CSHRX)		
Effective Pixels	NTSC :768(H)X494(V) PAL :752(H)X582(V)		
H.Resolution	500 TV Lines (Day) / 560 TV Lines (Night)		
Sync. system	Internal	Internal/Line Lock	Line Lock
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)		
Min. Illumination	0.1 Lux at F1.2 (Super HAD) 0.01 Lux at F1.2 (Ex-view HAD)		
White balance	ATW/AWC/Manual selectable(1800°K~10,500°K)		
BLC	On/Off		
AGC	On/Off		
Gamma	0.45/0.1		
Shutter speed	NTSC : 1/60 - 1/100,000 sec PAL : 1/50 - 1/100,000 sec		
Operation current	12VDC : 130mA(Tol. 9-18V) 12VDC/24VAC : 150mA(Tol. 9-30V)/90mA(Tol. 10-28V) 230VAC : 50mA(Tol. 200-260V)		
Lens mount	C-Mount (17.5mm Flange back) - CS-Mount (12.5mm Flange back) & Fine focus ± 1.0mm		
Iris Control	Video Iris/DC Iris		
Operating Temp.	14°F ~ 122°F (-10°C ~ +50°C)		
Humidity	With 90% RH		
Measurement (mm)	50(W) x 50(V) x 114.9(L)		
Weight(Approx.g)	340(12VDC/24VAC) / 350(230VAC)		

