

VM32CHN 1/3" CCD Color Borad camera (OSD)

Product Information

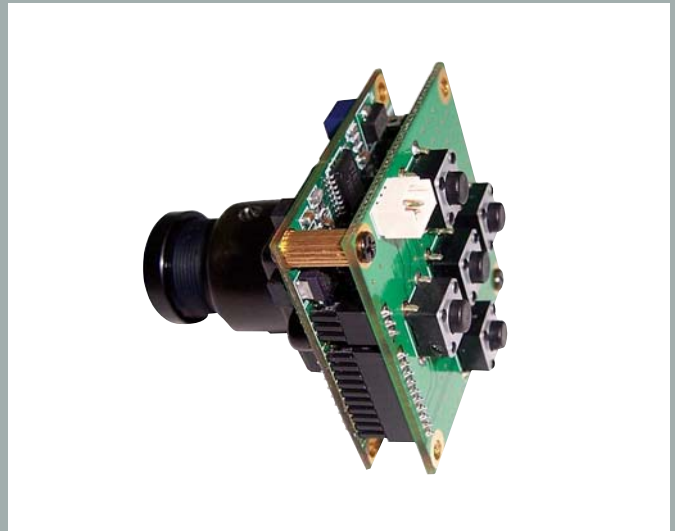
VM32CHN is a new high resolution Color board camera developed in early 2007 with a new DSP chip that includes a lot of beautiful functions controllable via OSD on the back of the board.

Built-in image conversion from Color to real B/W (color signal removed) at 5 lux greatly enhances the sensitivity and resolution.

BLC level adjustment is added so that the camera can be individually optimized for various BLC situations.

The board has a DC or Video Iris lens connection with which customers can customize it for bright outdoor applications.

Enjoy an extraordinary sensitive (0.2Lux/F2.0), more than 520TVL high resolution with very useful OSD functions built-in board camera at an affordable price.



Key Features

- 1/3" Super Sensitive Color CCD sensor
- High resolution of 520 TVL Color at Day & 560TVL B/W at Night
- Remarkably True Color reproduction
- Remarkable low Lux performance of 0.2 Lux at F2.0 fixed lens
- Auto Iris Lens control (DC / Video / Manual)
- Excellent Back Light Compensation (Area / Ratio ADJ)
- Excellent Auto White Balance (AWB / ATW / FIXED / MANUAL)
- Wide range of power input tolerance (9VDC~20VDC)
- Reverse Polarity Input protection circuit built-in
- On Screen Display (OSD)
- Super miniature size (32mmX32mm x 2 Boards)

OSD Function

- Camera ID
- Mirror : ON / OFF
- True Day & Night : (Auto / Color / BW)
- Motion Detection (64 motion areas selection: sensitivity / Trace ADJ)
- Privacy : 4 Zones (64 motion areas selection)
- Gamma : 0.5 ~ 1.0 or User
- Language : English / Korean / Chinese1,2 / Japanese
- Shutter : Auto / FLK / Manual (000~255) / Fixed (1/60~1/100,000)
- AGC : OFF / ON (000~255)
- Adjust (Contrast / Sharpness / CB_Gain / CR_Gain)

MODEL	VM32CHN	VM32CN
Imager	1/3" Super Sensitive Color CCD sensor	
Horizontal resolution	520 TV Lines (Color) , 560TV Lines (BW)	
Effective Pixels	768(H) x 494(V) NTSC 752(H) x 582(V) PAL	512(H) x 492(V) NTSC 500(H) x 582(V) PAL
Min.Illumination	0.4 Lux at F2.0 : AGC Normal , 0.2 Lux at F2.0 : AGC Max	
Synchronizing system	Internal	
Scanning system	2:1 Interlaced	
Video output	1Vp-p 75 ohm composite	
S/N Ratio	More than 50 dB	
Auto iris	DC/Video/Manual (OSD ADJ)	
Smear effect	0.005%	
Gamma correction	User or 0.5-1.0 (OSD ADJ)	
Special function	Auto/ Color / BW(OSD ADJ)	
White balance	AWB/ ATW/ FIXED/Manual(OSD ADJ)	
Gain control	6dB~40dB OFF/ON (000~255 OSD ADJ)	
OSD Function	Camera ID, Mirror, Day & Night, Motion, Privacy, Gamma, BLC, AWB, Lens, Shutter, Adjust	
Lens mount	<p><u>Standard</u> : Board lens 3.6mm Fixed Iris(92° AOV)</p> <p><u>Board lens option</u> : 2.9mm(120°),4.3mm(78°),6mm(54°), 8mm(39°),12mm(26°),16mm(19°)</p> <p><u>Pinhole lens option</u></p> <p>Flat type / F2.0 : f=3.7mm (90°),4.3mm (78°),5.0mm (60°)</p> <p>Cone type / F2.0 : f=3.7mm (90°),4.3mm (78°),5.0mm (60°)</p> <p>Peak Cone type / F2.0 : f=3.7mm (90°),4.3mm (78°),5.0mm (60°)</p> <p><u>Vari-Focal.CCD Iris Lens option</u></p> <p>: 4mm~9mm Vari-Focal (D 92.6°~39.4° H 71°~31.6°) : " -VF "</p> <p><u>Mono-Focal.DC Iris Lens option</u></p> <p>3.6mm , 2.9mm , 4.3mm , 6mm , 8mm , 12mm , 16mm " -MFDI "</p> <p><u>Vari-Focal.DC DRV Iris Lens option</u></p> <p>: 2.6mm~6mm Vari-Focal (D 134°~59° H105°~47°) : " -VF "</p> <p>: 4mm~9mm Vari-Focal (D 92.6°~39.4° H 71°~31.6°) : " -VF "</p>	
Power source	DC12V(Tolerance: 9V-20V)	
Operating current	80mA w/regulated power in	
Measurement	32mm(V) x 32mm(H) x 2 boards	
Weight (Approx.g)	33	
DC Iris	DC or VIDEO Driven Auto Iris Lens control	
Audio	- 35dB / mV	

Dimension

