

Product Information

It is an integrated output from a perfect combination of sophisticated hardware and software technology. This wonderful achievement includes 1/3" CCD sensor into the world's smallest square camera and our own noise-free power circuit. Brighter than ever at dark illumination, 0.3 lux at F2.0. The real value is in making the unit perform a reliable functions & quality not losing its principal purpose. Our fine craftsmanship reaches not only to the picture quality and compact size but also to the products Good Design. The unit is supported with a variety of optical solutions in order to cover a dynamic range of applications with a different viewable distance. All lenses are structured with a group of glasses so as to maintain a clear resolution over the full screen. Installer can change the lens with no special skill. It covers DC12V \pm 3V of power input and requires less than 80mA. This is critical for the reliability as it produces less heat and protects it from damage against bad power supply or fluctuating AC power input. Universal type of mounting structure provides a useful way of installation mountable to any place such as on the ceiling, on the wall, and on the corner.



Key Features

- 1/3" Super sensitive DSP Color CCD sensor (Sharp)
- Super miniature size
- 380/480 TVL Horizontal Resolution
- Excellent color reproduction
- Remarkable low Lux performance of 0.3 Lux at F2.0 fixed lens
- Extremely reliable operating power tolerance
- Reverse Polarity Input protection circuit built-in

MODEL	VQ253C / VQ293C / VQ33C
Image sensor	1/3" DSP Color CCD
Effective Pixels	Med-Res - NTSC : 512(H)X492(V) PAL : 500(H)X582(V) High-Res - NTSC : 768(H)X494(V) PAL : 752(H)X582(V)
H.Resolution	380TVL(Med-Res)/480TVL(High-Res)
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)
Min. Illumination	0.3 Lux at F2.0
BLC	Automatic
White balance	2100°K - 9100°K Auto
Gain Control	4dB~30dB Auto
Gamma correction	r=0.45
Smear effect	0.005%
Shutter speed	NTSC : 1/60 - 1/100,000 sec PAL : 1/50 - 1/100,000 sec
MTBF	80,000 hours
Power source	DC12V
Operation current	80mA w / regulated 12VDC in
Lens	Board lens : 3.6mm(92°) Board lens option : 2.5mm(145°), 2.9mm(120°), 4.3mm(78°), 6.0mm(54°), 8.0mm(39°), 12.0mm(26°), 16.0mm(19°) Pinhole Lens option Peak Cone : 2.8(120°), 3.7(90°), 4.3(78°), 5.0(60°) Semi Cone : 2.8(120°), 3.7(90°), 4.3(78°), 5.0(60°) Flat Cone : 2.8(120°), 3.7(90°), 4.3(78°), 5.0(60°) Varifocal Lens option 4.9mm VF Manual Iris (D92.6°-39.4°, D71°-31.6°) 2.6-6mm VF Manual Iris (D134°-59°, D105°-47°)
Operating Temperature	14° F ~ 122° F (-10° C ~ +50° C)
Humidity	Within 90% RH
Output Terminal	4 Feet DIY cable with BNC-Female for Video, DC Jack-Male for Power
Measurement (mm)	Refer to dimensions
Weight(Approx.g)	80/90/110
Optional Function 1	Internal/External Audio with C-Microphone " - 35dB / mV "
Optional Function 2	Reverse Image

