

Ultra Miniature B/W VQ25BH-B36 & Colour VQ25BH-B36 CCD Camera

Micro Size, top of the line, B/W and color cameras are only about 1 inch square, operating on 12VDC and featuring electronic iris to adjust automatically to prevailing light conditions. Because of the small size the cameras are well suited for all security applications as well as machine vision, robotics and computer network.



Description	B/W Miniature Camera (25x25mm, 29x29mm, 33x33mm) - II	
Image sensor	1/3" Super Sensitive CCD	
Effective Pixels	EIA : 512(H)x492(V), CCIR : 500(H)x582(V)	EIA : 768(H)x494(V), CCIR : 752(H)x582(V)
H.Resolution	420TVL(Med-Res)	600TVL(High-Res)
Synchronizing system	Internal	
Scanning system	EIA 525 Lines, CCIR 625 Lines 2:1 Interlaced	
Video output	1.0Vp-p Composite. 75 Ohms	
S/N ratio	More than 50 dB (AGC Off)	
Min. illumination	0.05Lux at F2.0	0.1Lux at F2.0
BLC	Automatic	
Gain Control	4dB ~ 30dB Auto	
Gamma correction	$\gamma = 0.45$	
Smear Effect	0.005%	
Shutter speed	EIA : 1/60 ~ 1/100,000 sec, CCIR : 1/50 ~ 1/100,000 sec	
MTBF	80,000 hours	
Power source	DC12V	
Operation current	90mA w/regulated 12VDC in	
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 : 2.8mm(120'), 3.7(90'), 5.0mm(60') Semi Cone : 2.8mm(120'), 3.7(90'), 5.0mm(60') Flat Cone : 2.8mm(120'), 3.7(90'), 5.0mm(60')	
Operating Temperature	14°F ~ 122°F (-10°C ~ +50°C)	
Humidity	Within 90% RH	
Output Terminal	4Feet DIY cable with BNC(RCA)-Female for Video, DC Jack-Male for Power	
Measurement (mm)	Refer to dimensions	
Weight (Approx.g)	25x25mm : 80 / 29x29mm : 90 / 33x33mm : 110	
Optional Function 1	Internal / External Audio with C-Microphone "35dB/mV"	
Optional Function 2	Reverse Image	

Description	Color Miniature Camera (29x29mm, 33x33mm) - I		
Image sensor	Super HAD CCD	Ex-view HAD CCD	Super HAD CCD Ex-view HAD CCD
Effective Pixels	NTSC : 512(H)x492(V), PAL : 500(H)x582(V)		NTSC : 768(H)x494(V), PAL : 752(H)x582(V)
H.Resolution	400TVL		500TVL
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	0.2Lux at F2.0	0.1Lux at F2.0	0.1Lux at F2.0
BLC	Automatic		
White balance	2,100°K ~ 9,100°K Auto		
Gain Control	4dB ~ 30dB Auto		
Gamma correction	$\gamma = 0.45$		
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	100mA w/regulated 12VDC in		
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	Full Cone : 2.8mm(120'), 3.7(90'), 5.0mm(60') Semi Cone : 2.8mm(120'), 3.7(90'), 5.0mm(60') Flat Cone : 2.8mm(120'), 3.7(90'), 5.0mm(60')		
Varifocal lens Option	4~9mm VF Auto DC / Manual Iris (D92.6~39.4', D71~31.6') 2.6~6mm VF Auto DC / Manual Iris (D134~59', D105~47') 9~22mm VF Auto DC / Manual Iris (D39.0~17.5')		
Operating Temperature	14°F ~ 122°F (-10°C ~ +50°C)		
Humidity	Within 90% RH		



BOCK OPTRONICS INC.
14 Steinway Blvd., Unit 7
Toronto, Ontario M9W 6M6, Canada
Tel: 416-674-2804 Fax: (416) 674-1827

Quebec & Eastern Canada
Tel: 450-662-9889
Fax: 450-662-9063

Website: www.bockoptronics.ca
E-mail: sales@bockoptronics.ca