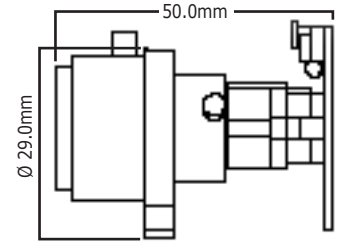
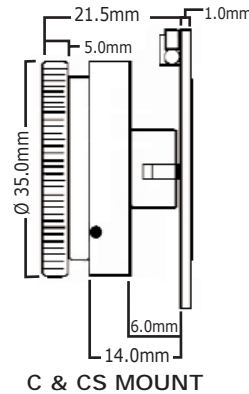
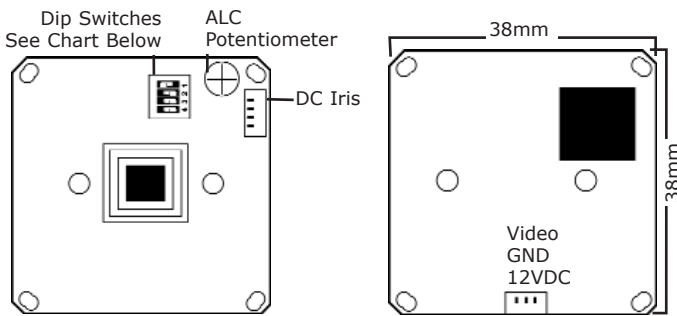
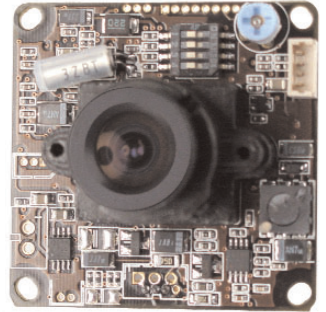




Camera Features

- 1/3" Sony CCD
- Two Resolution Choices
- 38mm Single Board
- Auto Iris Or EE Iris
- Auto White Balance
- Mirror Mode
- Metal Lens Holder
- 2nd Video Output
- Wide Voltage Range 8~16VDC, 12VDC Nominal
- Audio Option



VARI FOCAL LENS 4-9MM
M-12 MOUNT (20E445VA)

Technical Specifications

Electrical

	20E445 / 20E456 NTSC	21E445 / 21E456 PAL
CCD sensor	1/3" Interline CCD	
Active pixels (H x V)	20E456: 768 x 492 20E445: 512 x 492	21E456: 768 x 582 21E445: 500 x 582
Horizontal resolution	20/21E456: 480 TV lines 20/21E445: 330 TV lines	
Sensitivity	0.8 Lux f1.2 (30 IRE)	
Signal to noise ratio	49 dB or more (AGC off)	
Gamma	0.45	
AGC	On	
Synchronization	Internal	
Iris	Electronic	
	1/60~1/100,000	1/50~1/100,000
Video output	1V p-p composite 75 Ohms	
Power supply	8~16VDC, 12VDC Nominal (optional 24VAC: 20E425/426)	
Power consumption	<0.8W	

Environmental

Ambient operating temperature	-10° to + 55° Celsius
Ambient operating humidity	90% non-condensing
Storage temperature	-20° to + 70° Celsius
Storage humidity	95% non-condensing

Mechanical

Dimensions (WxHxD)	38mm x 38mm x 50mm 1.5" x 1.5" x 1.97" (with varifocal lens/M-12 mount)
Weight	14g (0.03 lbs)
Lens mounts - metal	CS, M-12 and M-14 mounts available
Lenses	DC auto iris, varifocal, manual, fixed
20E425 / 21E425	2XE445 standard resolution camera with 2nd board for 24VAC operation
20E426 / 21E426	2XE456 high resolution camera with 2nd board for 24VAC operation
Custom dome brackets available for OEMs	

Dip Switches

ADJUSTMENT	DIP SWITCH			
	1	2	3	4
Mechanical iris (Using DC iris lens)	ON			
Electronic iris	OFF			
Flickerless on (1/100 sec.)		ON		
Flickerless off		OFF		
Mirror mode on			ON	
Mirror mode off			OFF	
Backlight Compensation on				ON
Backlight Compensation off				OFF