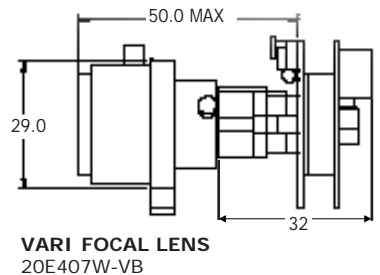
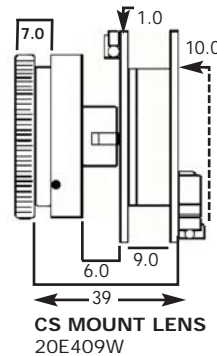
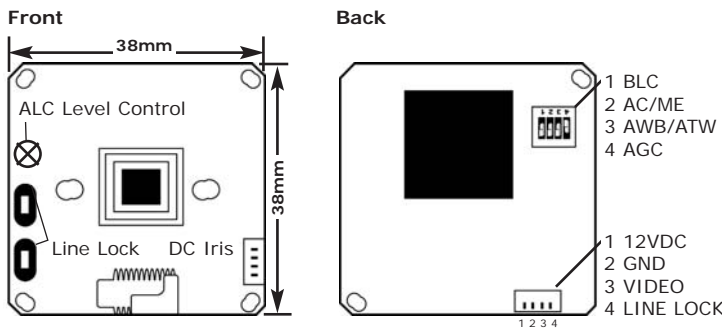




Camera Features

- 1/3" High Resolution Sony Double Speed CCD Imager
- Wide Dynamic Range Sees Through The Blinding Lights
- True Day/Night Gen III With IR Filter Retraction Optimizes Sensitivity In B&W
- DC-Drive & Electronic Shutter Iris
- Dip Switch Controllable Features:
 - EE/DC Iris Switch
 - Wide Dynamic On/off
 - AWB/ATW
 - AGC Max On/Off



Technical Specifications

Electrical	20E407TW3	21E407TW3
	NTSC	PAL
CCD Sensor	1/3" Sony double speed CCD imager	
Active Pixels (HxV)	768 x 492	768 x 585
Horizontal Resolution	480 TVL (Color) 520 TVL (B&W)	
Sensitivity	0.3 lux (30 IRE F1.2) (Color) 0.01 lux (30 IRE F1.2) (B&W) IR filter is removed by gen III lens mount mechanism at preset light level	
Signal To Noise Ratio	46 dB or more (AGC off)	
Gamma	0.45	
Dynamic Range	64 dB	
Synchronization	Internal, line lock	
Iris Control	DC-drive, electronic shutter	
Video Output	1V p-p composite 75 Ohms	
Power Supply	12VDC (8VDC ~ 18VDC)	
Power Consumption	<3W or less	

Environmental

Ambient Operating Temp.	-10° C ~ 55° C (14° F ~ 131° F)
Ambient Operating Humidity	90% non-condensing
Storage Temp.	-25° C ~ 70° C (-13° F ~ 158° F)
Storage Humidity	95% non-condensing

Mechanical

Dimensions (LxWxD)	38mm x 38mm x 30mm double board (1.49" x 1.49" x 1.19")	
Weight	33g (without lens)	
Lens Options	20E407TW3-WB	2.6~6mm lens DC iris, F1.4
	20E407TW3-VB	4~9mm DC iris, F1.4
	20E409TW3	CS mount Note: board lens connector adaptation needed to use 4-pole CS lens connectors

Accessories

Optional	24VAC power board
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Complementary Models

20/21E407	Standard Double Board Camera
20/21E407T3	True Day/Night Camera
20/21E407TW	Wide Dynamic Range Camera

11/26/08 PDS-20E407TW3 REV C

All data subject to change without notice.

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