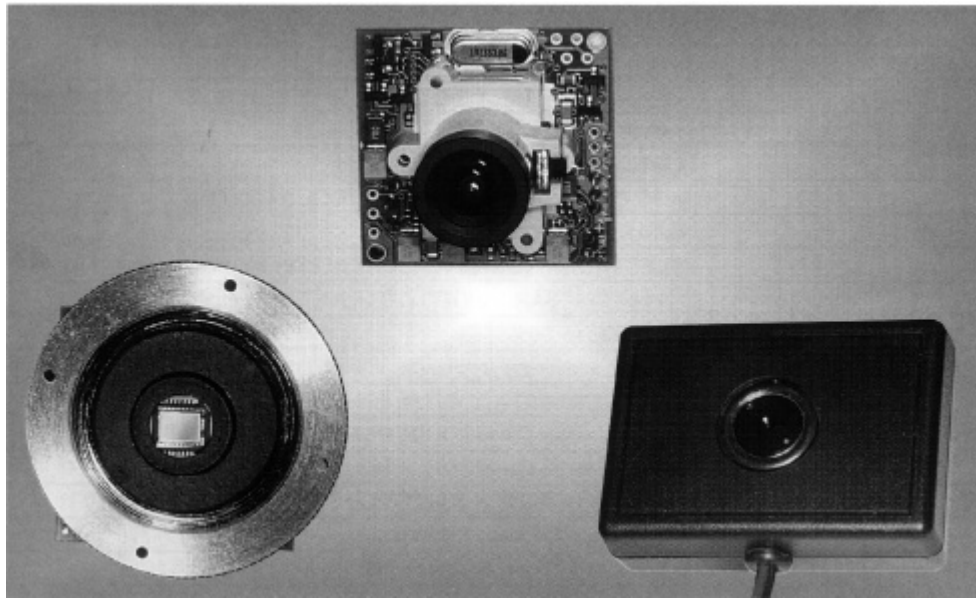


# PRAGMATIC COMMUNICATIONS

*"Affordable Elegance" Product Line*

## PVCM36 BLACK AND WHITE CAMERA



**Do you need a low cost, high performance black and white camera?**

**Pragmatic has the answer.**

The PVCM36 is a black and white camera in an economical 32mm standard size with unique functions and are available in 50 Hz or 60Hz models with 380 TVL. Its power supply is 12 V DC power protected. It has a mirror mode options and composite blanking output that can be selectable on module PBC by component jumper. It also has AGC or Manual Gain Control, Iris Output which is in on off flickerless mode and video Iris, AC or DC Coupled video and HD Blanking Option.



**PRAGMATIC COMMUNICATIONS SYSTEMS INC.**

544 E. WEDDELL DRIVE SUITE 8 SUNNYVALE, CA 94089

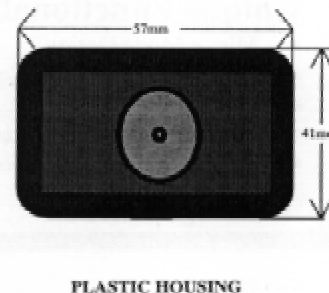
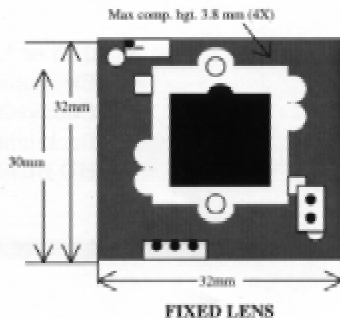
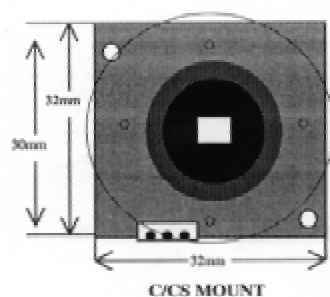
(408) 542 0330 TEL (408) 542 0339 FAX

website: <http://www.wireless-experts.com>



## MODELS:

PVC3650 - C/CS MOUNT  
PVC3610 - Integrated 3.8mm  
PVB3650 - Metal Housing Option  
PVA3650 - Plastic Housing Option



## PRODUCT SPECIFICATIONS

<b>CCD Sensor:</b>	1/3" CCD, Mounted on PCB
<b>Picture Elements:</b>	CCIR - 512(H)x582(V) EIA - 512(H)x492(V)
<b>Horizontal Resolution:</b>	>380 TVL - center of the picture
<b>Sensitivity:</b>	Integrated lens - <0.1 LUX CS-Mount Lens - <1.0 LUX
<b>Signal to Noise Ratio:</b>	>48dB/AGC off
<b>Gamma:</b>	optional 1.0
<b>Gain Control:</b>	AGC Optional Manual Control 0-3V DC
<b>Contour Enhancement:</b>	Implemented
<b>Iris:</b>	Electronic & Video Iris
<b>Output:</b>	1 Vpp baseband video
<b>Power Supply:</b>	12 V DC < +/-20%
<b>Power Consumption:</b>	<1.5W
<b>Synchronization:</b>	FreeRunning - Crystal or LC
<b>Black Light Compensation:</b>	selectable on module PCB by component jumper
<b>Mirror Mode:</b>	selectable on module PCB by component jumper
<b>Flickerless Mode:</b>	selectable on module PCB by component jumper
<b>Lens Mount:</b>	Fixed & CS
<b>Focal Length: Integrated only</b>	3.8mm / 8 mm lens
<b>Angles of view: Integrated only</b>	72 deg. Horizontal / >54 deg. Vertical
<b>Relative Aperture: Integrated only</b>	F>2.0
<b>Focus: Integrated lens only</b>	Fixed; 0.5mm Infinity
<b>Dimensions:</b>	32mmx32mm
<b>Interfaces:</b>	board connector w/ power & video output
<b>Ambient Temperature Operating:</b>	Module - -25 deg. to +55 deg C Camera - -20 deg to +55 deg C
<b>Temperature for Storage:</b>	-25 deg to + 70 deg C.

Pragmatic Communications Systems, Inc.

544 E. Weddell Dr., Suite 8 Sunnyvale, Ca. 94089 Tel. (408)542-0330 Fax (408)542-0339