

Bulletin #

DATE: DECEMBER 1, 1998

TO: SECURITY SYSTEMS RESELLERS

FROM: WILLIAM YAN

SUBJECT: INTRODUCTION OF CVX-V1 AND CVX-V3 MINIATURE COLOR CAMERAS

Sony Security Systems is pleased to introduce the NEW CVX-V1 and CVX-V3 miniature color cameras. When using with the ZBOX-2 or EVO250 Hi-8™ video recorder, these high quality compact size cameras further allow you expand video applications including security CCTV application.

Product Name	Brief Description	Suggested List Price	Reseller Price	Availability
CVX-V1	Mini Color Camera	\$895	\$ 625	Immediate
CVX-V3	Small Zoom Color Camera With Microphone	\$995	\$ 700	Immediate

FEATURES AND BENEFITS: CVX-V1

CVX-V1	Features	Benefits
	Small and Lightweight camera	Lipstick size camera head can be connected to the camera control unit via the video signal cable. There are a wide range of applications where the small size and light weight of this camera will come in handy. Used with the ZBOX-2 or EVO-250.
	¼" Precision CCD	410K pixels CCD produces an excellent picture despite the small size of the camera.
	Adoption of F1.8 Lens	The CVX-V1 offers F1.8 sensitivity and a manual focus and iris ring are incorporated directly.
	Direct connection to the ZBOX-2 or EVO-250	The control unit connects to the ZBOX-2 or EVO-250 directly and easily without any video/audio cables. Power is supplied from the ZBOX-2 or EVO-250.
	AC power/Battery operation as a stand alone camera	The camera control unit has analog output terminals. By attaching an AC power adapter such as the AC-V700 or batteries such as the NP-F950 to the camera control unit, the CVX-V1 can be operated as a stand alone camera. Thanks to low power consumption and LithiumION battery, operation of more than 18 hours using a fully charged NP-F950 can be achieved.
	External microphone input	The CVX-V1 is equipped with an external microphone input. This is convenient when external audio recording is required.

INTRODUCTION OF CVX-V1 AND CVX-V3 COLOR CAMERAS

FEATURES AND BENEFITS: CVX-V3

CVX-V3	Features	Benefits
	Small and Lightweight camera	Compact camera head can be connected to the camera control unit via the video signal cable. There are a wide range of applications where the small size and lightweight compactness of this camera will come in handy.
	¼" Precision CCD	410K pixels CCD produces an excellent picture.
	3x zoom	The 3 times manual zoom lens is convenient for positioning a particular shot.
	Built-in stereo Microphone	Built-in stereo microphone on the camera head can record audio.
	Direct connection to the ZBOX-2 or EVO-250	The control unit directly connects to the ZBOX-2 or EVO-250 easily without any video/audio cables. Power is supplied from the ZBOX-2 or EVO-250.
	AC power/Battery operation as a stand alone camera	The camera control unit has analog output terminals. By attaching an AC power adapter such as the AC-V700 or batteries such as the NP-F950 to the camera control unit, the CVX-V3 can be operated as a stand alone camera. Thanks to low power consumption and LithiumION battery, operation of more than 18 hours using a fully charged NP-F950 can be achieved.

PRODUCT SPECIFICATIONS: CVX-V1 / CVX-V3

	CVX-V1	CVX-V3
GENERAL		
Dimensions (WxHxD in)	Camera head: 0.87" x 0.71" x 2.36" CCU: 1.38" x 43.3" x 2.36"	Camera head: 1.42" x 1.57" x 2.76" CCU: 1.38" x 43.3" x 2.36"
Weight	Camera head: 0.9 oz. Camera control unit: 4.8 oz.	Camera head: 2.6 oz. Camera control unit: 4.8 oz.
Power requirements	DC: 7.2V (battery operation) DC: 8.4V (AC adapter)	
Power consumption	1.8W	

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PRODUCT SPECIFICATIONS: CVX-V1 / CVX-V3

	CVX-V1	CVX-V3
CAMERA		
Image Device	¼"inch Interline Transfer CCD	
Picture Element	Gross: 410K Effective: 380K	
Lens	F1.8	F2.8 ~ 4
Focal Length	-	f=3.5mm~10.5mm (35mm conversion: 35mm~105mm)
Focus	Fixed (10mm ~ infinity)	Fixed (100mm ~ infinity)
Minimum illumination	2 lux	5 lux
Gain selection	AUTO/Hold	
White Balance	AUTO/HOLD	AUTO
Shutter speed	AUTO, 1/60, 1/100, 1/250, 1/500, 1/2000, 1/10000	AUTO

VIDEO

Video signal	EIA standards
Video Output (on camera control unit)	Composite x 1 (RCA pin) 1 Vp-p, 75 ohm, unbalanced, sync negative S-video x 1 (mini-DIN 4 pin) Luminance signal: 1 Vp-p, 75 ohm, unbalanced, sync negative Chrominance signal: 286 mVp-p (subcarrier burst) 75 ohm, unbalanced

AUDIO

Audio Input/Output	Stereo (RCA x 2) -7.5 dBs, (0dBs = 0.775 Vrms)
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OTHER

CONNECTORS

External mic IN	Stereo mini-mini jack
Multi connector	20-pin

SUPPLIED ACCESSORIES:

CVX-V1	CVX-V3
Operating instruction manual Walkman® attachment unit	Operating Instruction manual Walkman® attachment unit

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OPTIONAL ACCESSORIES:

CVX-V1 / V3	
AC-V700, AC power adapter/charger NP-F950, Battery pack	

LITERATURE ORDER #: V10857

All features and specifications are subject to change without notice.

For further information, please contact your local Sales Representative or Zone Account Manager.

Good Selling!

William Yan
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Broadcast and Professional Group