

MemoCam[®] Family

The smallest all-in-one Digital CCTV System available!

The MemoCam is a Palm size PIR enclosure containing the following components:

- Hidden (covert) Digital Video Recorder (DVR)
- Hidden (covert) video camera
- Active PIR sensor

Upgrade your old VCR recording technology NOW!
It is easier than ever before.



An ideal **solution**
for your complete
surveillance needs **in**
one small unit

Patent Pending



Main Features:

- Simple Installation
- A solid-state device that doesn't require day-to-day user intervention
- No moving parts equals No maintenance
- Eight selectable levels of video quality
- B/W or Color options
- Smart alarm activation - using Dual Detection Technology (VMD + PIR)
- Integrated new Advanced Video Motion Detection (VMD) Technology
- Data storage utilizes MMC/SD removable memory cards (from 16MB up to 1GB)
- Communication ports
- Operating the device is made easier using the IR remote control

Includes MemoCam Windows and pocket PC based applications that enables:

- Playback of recorded images at multiple speeds
- Fast searches by time or alarm events
- Search for images using a detailed list or thumbnails

A Windows export utility that automatically exports the contents of the memory card onto a CD as:

- Backup
- An AVI file for playing on any Windows media player
- JPEG images



MemoCam[®] Family

The smallest all-in-one Digital CCTV System available!



The VMD enables the user to define specific areas of interest within the picture frame.

Recording Capacity

Maximum number of images / recording times (Hours) for each selected recording quality and installed memory size, (Assumed: recording rate is 1 fps and VMD active 20% of the recording time).

> At 320x240 Resolution

RECORDING QUALITY	MEMORY CARD SIZE				
	64M	128M	256M	512M	1024M (1G)
Excellent (40K)	1600/2H	3200/4H	6400/8H	12800/16H	25600/32H
Very Good (22K)	2920/4H	5840/8H	11680/16H	23360/32H	46720/64H
Good (15K)	4000/6H	8000/12H	16000/24H	32000/48H	64000/96H
Standard (10K)	6400/8H	12800/16H	25600/32H	51200/64H	102400/192H

> At 640x480 Resolution

RECORDING QUALITY	MEMORY CARD SIZE				
	64M	128M	256M	512M	1024M (1G)
Excellent (150K)	400/0.5H	800/1H	1600/2H	6200/4H	12400/8H
Very Good (90K)	750/1H	1500/2H	3000/4H	6000/8H	12000/16H
Good (60K)	1000/1.5H	2000/3H	4000/6H	8000/12H	16000/24H
Standard (40K)	1600/2H	3200/4H	6400/8H	12800/16H	25600/32H



VIDEO DOMAIN

www.vdomain.com
www.memocam.com

Copyright © 2003 Video Domain Technologies Ltd. All Rights Reserved. In accordance with its policy of continuing product and system improvement, Video Domain Technologies Ltd. reserves the right to alter designs or specifications without obligation or further notice. MemoCam[®] is a registered trademark of Video Domain Technologies Ltd.

Head Quarters:
Video Domain Technologies Ltd.
Tel. 972-3-5595919, Fax. 972-3-5561936
e-mail: sales@vdomain.com

USA Sales Office:
Video Domain Technologies Inc.
Toll Free. 866-MEMOCAM (636-6226)
Tel. 516-333-9550, Fax. 866-422-1105
e-mail: sales-us@vdomain.com

UK Sales Office:
VDT (UK) Ltd.
Tel. 0870-330-0166, Fax. 0870-330-0167
e-mail: sales-uk@vdomain.com

TECHNICAL SPECIFICATIONS

MODEL	M-C56/C	M-C56/B
Camera type	Color pinhole lens, 0.5 Lux 4.3mm lens	B/W pinhole lens, 0.1 Lux 4.3mm lens
Video Format	NTSC/EIA and PAL/CCIR	
Video Input	Internal camera	
Video Output	Composite video 1 Vpp	
Video Resolution	640 x 480 (VGA) OR 640 x (240 x 2) 320 x 240 (CIF)	
Recording Quality	8 levels	
Video Compression	JPEG	
Recording Rate	From 10 images/sec to 1 image/5 min	
Image Size	From 10K to 150K byte	
Storage Type	Removable MMC/SD Storage card sizes: 16, 32, 64, 128, 256, 512 and 1024 MB	
Recording Modes	Fixed - Records events until the memory card is full Cyclic - Records events continuously overwriting old data when the memory card is full	
Start Recording Modes	External alarm Video Motion and / or PIR Detection Panic button using the IR remote control	
Pre-Alarm Recording	YES	
Image Protection (Integrity)	Each image is differentially signed and can be authenticated	
Titles	Time/ Date/ Unit-Name	
Scheduler	Daily & Weekly	
Alarm Input	TTL input: High 3-15V Low GND	
Arm/Disarm Input	TTL input: High 3-15V Low GND	
Alarm Output	N/C 28Vdc. 0.1A protected with a 20 Ohm resistor	
Programmable Output	N/O or N/C 28Vdc. 0.1A protected with a 20 Ohm resistor	
IR Remote control	Used for: • Arming and Disarming the unit • Emergencies as a panic button	
Security	Password protected	
Internal PIR	Dual element, hard spherical lens. Angle 90°	
Power Source	12VDC 280mA	12VDC 260mA
Power Consumption	< 3.4 W	< 3.1 W
Recovery	Automatic recovery after source power failure	
Audio Indicator	Buzzer	
Operation Status LED's	Two status color LEDs and a one power ON LED indicators	
RS-232 port	Opt.	
RS-485 port	YES	
Software Upgradeable	YES	

UNIT PHYSICAL CHARACTERISTICS:

Dimensions (WxDxH)	67 x 60 x 135 (mm)
Weight	250 grams
Operating Temp.	0° to 50°C