

# Getting Started Guide

**MemoCam<sup>®</sup>**

**MemoCam<sup>®</sup>Plus**

**MemoCam<sup>®</sup>M-C56**

**MemoCam<sup>®</sup>M-C720**

Version 5.001  
Part number V7140563

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Video Domain Technologies Ltd.

Manufacturer: Video Domain Technologies Ltd.  
Model: MemoCam  
Rated voltage(s): 12VDC  
Current(s) (or power): 0.5 A

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

This Class A/B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A/B est conforme à la norme NMB-003 du Canada.



Changes or modifications not expressly approved by Video Domain could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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# Introduction

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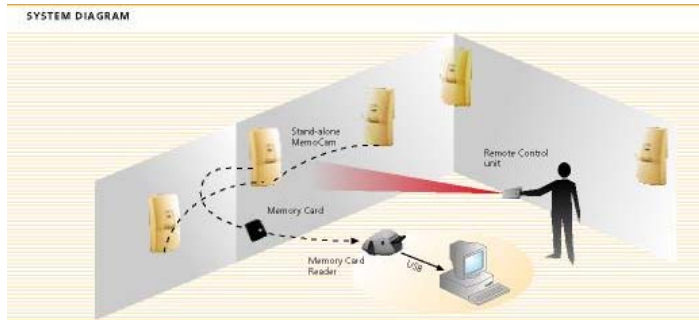
Congratulations! You have chosen the MemoCam modular security solution. MemoCam replaces the classic combination of Time Lapse VCR, PIR detector, and camera equipment with a fully integrated system, packaged in a standard PIR detector case.

MemoCam is a modular solution that allows for economical system expansion and optimized use of existing equipment. With MemoCam, you can expand from a single unit to multiple sites and cameras.

MemoCam is a configurable system solution for PIR and Video Motion Detection (VMD), CCTV monitoring, snapshot recording, and alarm triggering.

MemoCam stores all images in a Memory Card. To analyze the recorded events on a PC, the Memory Card is removed from the MemoCam unit and images are downloaded using a Memory Card reader and the MemoCam software.

One or more stand-alone units can be placed at different locations. The units are configured using the Memory Card. The MemoCam is activated using the remote control unit.



*Figure 1. The MemoCam System*

The MemoCam unit has the following features:

- ☐ Automatic setup using the Memory Card
- ☐ User defined image quality, frame rate, and recording time per event, delay between frames, and more
- ☐ Fixed or cyclic recording modes
- ☐ Pre-alarm recording
- ☐ Image integrity protection
- ☐ Arm/Disarm Scheduler

- ☐ Video motion detection (not available with MemoCam)
- ☐ Multi camera support (MemoCam Plus only)
- ☐ Video out
- ☐ Remote control unit

The MemoCam software allows you to:

- ☐ View images as thumbnails or in a detailed list view
- ☐ Sort images by date and time
- ☐ View images for a specific period of time
- ☐ Play, pause, fast-forward, and rewind images. In addition, you can view images frame-by-frame or as a slide show playback
- ☐ Verify frame integrity
- ☐ Export to the built-in image editor
- ☐ Export to AVI



- ❑ Control the MemoCam unit using the PC Serial Connection cable (MemoCam M-56 and MemoCam M-720 only)
- ❑ Configure the MemoCam unit
- ❑ Print an image

The events recorded by the unit can be viewed on a PC with Windows 98 SE, 2000, ME, NT, or XP with Internet Explorer™ 5.0 (or higher), or a Pocket PC with Windows CE 3.0 (or higher). The images are read from the Memory Card using a card reader and the MemoCam software.

## Scope of this Guide

This guide describes how to implement and install each of the following MemoCam series models:

- ❑ MemoCam
- ❑ MemoCam Plus

- ❑ MemoCam M-C56
- ❑ MemoCam M-C720

The MemoCam includes a video camera, a video compression engine, a removable Memory Card, a Passive Infrared (PIR) detector, and the option to connect an external monitor and external alarm devices.

The MemoCam Plus provides additional features including the option of connecting external cameras, external PIRs and Video Motion Detection (VMD).

The MemoCam M-C56 and M-C720 provide the additional feature of a built-in serial port for serial communication.

## Package Contents

The MemoCam Kit includes the following items:

- ❑ MemoCam unit
- ❑ Memory Card (SD/MMC)
- ❑ Protective card cover (MemoCam Plus, MemoCam M-C56 and MemoCam M-C720)
- ❑ Mounting kit
- ❑ Power adapter

- ❑ IR remote control unit and 2 AAA batteries
- ❑ 2 video input cables (MemoCam Plus only)
- ❑ 1 video output cable
- ❑ MemoCam Installation Manual
- ❑ MemoCam Getting Started Guide (this manual)
- ❑ MemoCam Software CD

If items are missing, contact your local dealer.

## See What MemoCam® Can Capture



### **Office and Warehouse**

See who opened the locked drawer in your office.  
View pictures of anyone who was around that valuable package that disappeared.  
See who came into the office after hours and what exactly they were doing there.



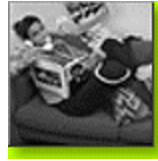
### **Convenience and Retail Stores**

Replace the unreliable time-lapse VCR with the maintenance free MemoCam DVR.  
See who goes behind the counter and who reaches into the cashier drawer.



### **Access Controlled Areas**

Verify that nobody but authorized personnel goes through that door.  
See which unauthorized people are entering.



### **Home**

See if the babysitter is spending more time with her boyfriend than with your baby.  
Find out what the A/C technician was looking for in your bedroom chest of drawers.  
Determine what set off the alarm and why the police couldn't find any entry marks.



### **Managers**

Make sure employees do not punch the clock for each other by matching picture time with time punched on the card.



### **Schools/Hotels/Hospitals**

See who's been pushing drugs in the school halls.  
Get the picture of who walked out of the employees' room with all their purses.  
See who opened the restricted medicine supply cabinet and removed prescription-only drugs from it.

## Setting Up MemoCam®

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This section describes how to set up the MemoCam unit before you begin using the unit. For more information, refer to the *MemoCam Installation Manual*.



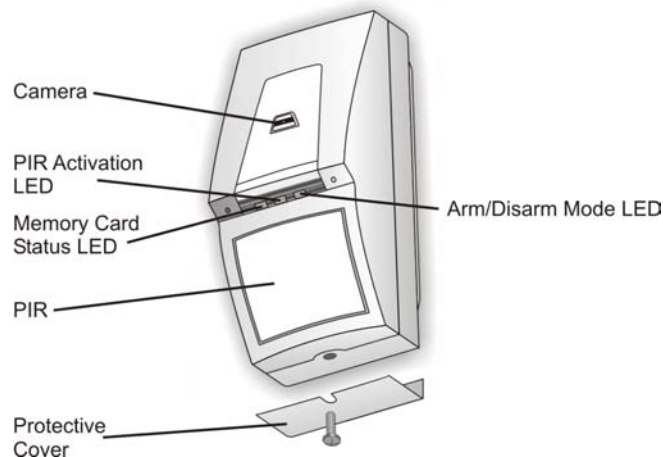
*For information about setting up the MemoCam M-C56 and MemoCam M-C720 for serial communication with a host, refer to the MemoCam Installation Manual.*

---

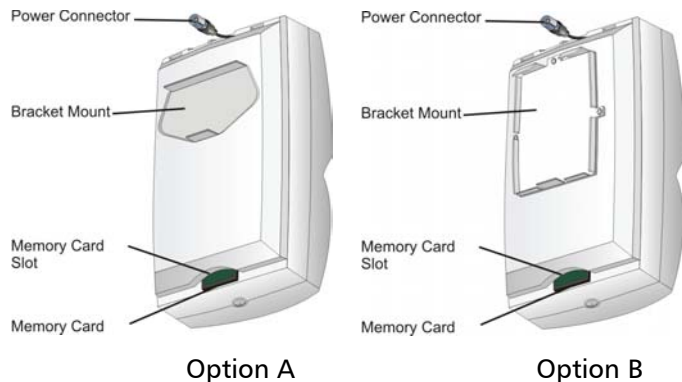


*Your MemoCam unit has one of the mount bracket options displayed in Figure 3.*

---



*Figure 2. MemoCam Unit – Front View*



*Figure 3. MemoCam Unit – Rear View*

## Placing the MemoCam® Unit

Begin by selecting a mounting location on the wall. Choose a location most likely to intercept an intruder. Make sure that the MemoCam power cord can reach a nearby power receptacle. If necessary, use an extension cord.

The MemoCam performs best in steady light and stable temperature, and is most sensitive in detecting sideways motion.

Avoid the following locations:

- ☐ Facing direct sunlight or light sources
- ☐ Facing areas subject to rapid temperature changes
- ☐ Areas with air ducts or substantial air flows
- ☐ Facing areas with high light contrast



*Before mounting your MemoCam Unit, determine which mount bracket you have (refer to Figure 3 on page 7).*

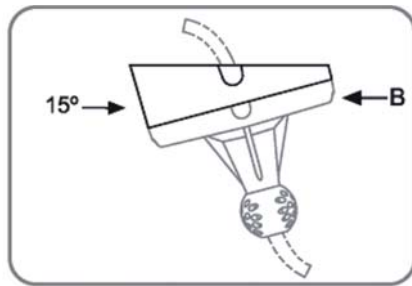
*If you have Option A mount bracket, follow the instructions in Mounting the MemoCam® Unit (Option A) on page 8.*

*If you have Option B mount bracket, follow the instructions in Mounting the MemoCam® Unit (Option B) on page 10.*

## **Mounting the MemoCam® Unit (Option A)**

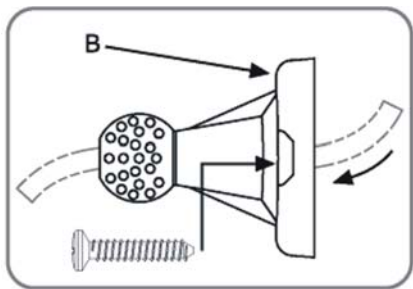
To mount the MemoCam unit:

1. For corner mounting, fasten the 15° prop to the back of component B.



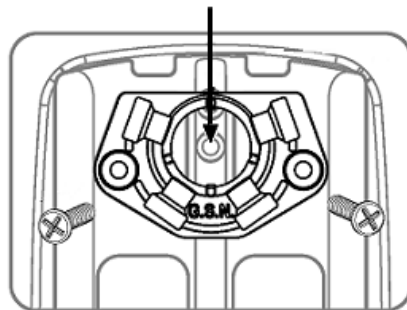
*Figure 4. Fasten 15° Prop to Component B*

2. Optionally, run the installation wire through component B.
3. Place the wall-mount section of the bracket (component B) on the desired location on the wall, and mark the drill points through the two fastener holes.
4. Drill the holes (if necessary) and attach the bracket to the wall with two screws.



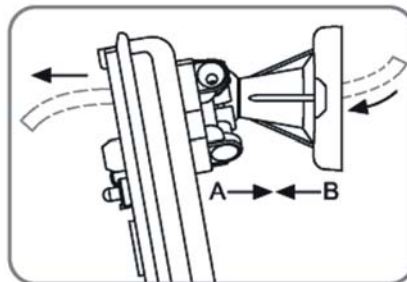
*Figure 5. Fasten Component B to the Wall*

5. Optionally, punch a hole in the detector's rear cover as indicated in Figure 6, and run the installation I/O wire through component A and the detector's rear cover.



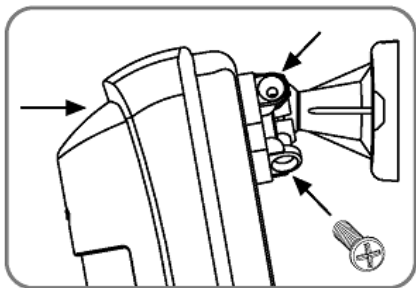
*Figure 6. Fasten Component A to the Detector*

6. Clip components A and B together.



*Figure 7. Connect Components A and B*

7. Optionally, connect the wires to the terminal blocks of the PCB.
8. Close the detector's covers.
9. Adjust the angle of the detector and stabilize it with a single screw in one of the available holes.

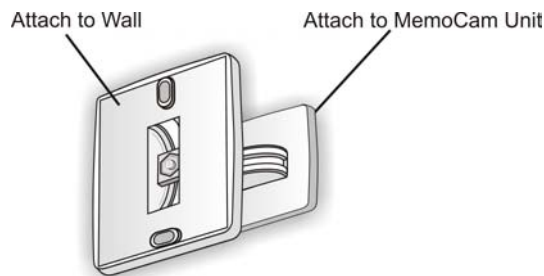


*Figure 8. Stabilize the Angle of the Detector*

## **Mounting the MemoCam<sup>®</sup> Unit (Option B)**

To mount the MemoCam unit:

1. Loosen the two pieces of the mounting bracket provided with the unit (refer to Figure 9) without separating them. The two sections of the bracket should swing freely.

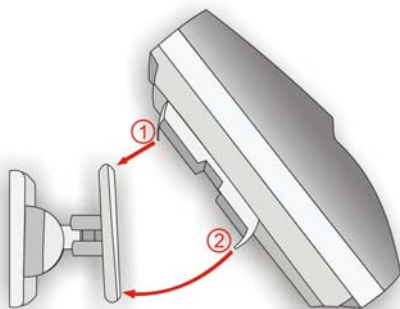


*Figure 9. Mounting Bracket*

2. Place the wall-mount section of the bracket on the desired location on the wall, and mark the drill points through the two fastener holes.



3. Drill the holes (if necessary) and attach the bracket to the wall with screws.
4. Retighten the two mounting bracket pieces so that the MemoCam mount section can still be rotated with slight pressure.
5. Clip the upper part of the MemoCam unit's holder to the bracket and rotate, as indicated in Figure 10, until the MemoCam snaps into place.



*Figure 10. Mounting the MemoCam Unit*

6. Adjust the position of the MemoCam unit by moving it slowly up/down and left/right to the desired position.
7. Remove the MemoCam unit carefully from the bracket without changing the bracket position.
8. Tightly screw the two mounting bracket pieces.
9. Re-attach the MemoCam to the bracket as indicated in step 5 above.
10. For robust fixture, twist slightly part 2 of the mounting bracket with pliers (refer to Figure 9 on page 10).

## **Connecting the Power Supply**

Connect the power adapter to the MemoCam power connector (Figure 3 on page 7). Plug the power adapter into a wall socket. The MemoCam status LED indicators light, as described in Table 1 on page 16.



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*The MemoCam works only with the original, supplied, power adaptor.*

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## Accessing the Memory Card

The simplest way to use the MemoCam is by accessing the removable Memory Card. The card can transfer image data from the MemoCam unit to your computer, and configuration data from your computer to the MemoCam unit. The Memory Card can be used with any standard card reader.



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*To install the Memory Card reader on your computer, refer to the documentation supplied with the Memory Card reader.*

---

To access the Memory Card:

1. The MemoCam Plus models come with a protective cover over the Memory Card slot.

Remove this cover before inserting or removing the Memory Card.

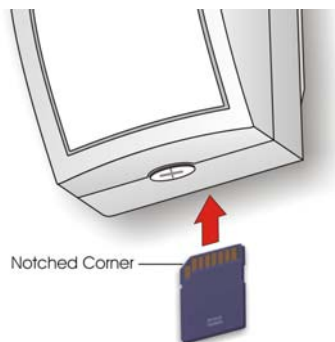
2. To remove the Memory Card, push the card gently inward until you hear a click and then pull the card out of its slot.
3. To reinsert the Memory Card, insert the card into the slot and push the card gently until you hear a click (refer to Figure 11). Slowly release your finger from the card. Wait 3 or 4 seconds for the unit to read the card.



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*When inserting the Memory Card, position the card so that the notched corner is on the top left, as shown in Figure 11.*

---



*Figure 11. Inserting the Memory Card*



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*Verify that the unit is disarmed before removing the Memory Card. Refer to Disarming MemoCam on page 16.*



*Verify that the Memory Card is not write protected.*

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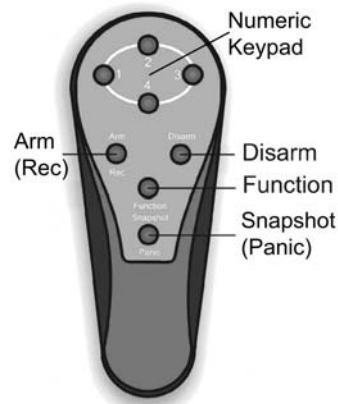
# Getting Acquainted

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The MemoCam can be controlled by remote control or by the internal scheduler (refer to the *MemoCam Software Manual* for more details).

## Remote Control Unit

The remote control unit is used to activate (arm), deactivate (disarm), and manually record image snapshots.



*Figure 12. Remote Control Unit*

As shown in Figure 12, the remote control unit has the following buttons:

- ❑ Arm – Activates the MemoCam unit. When armed, the MemoCam unit will record a

series of images upon detection of movement.

- ❑ Disarm – Deactivates the MemoCam unit. When disarmed, snapshots can be taken manually using the remote control unit.
- ❑ Function – Reserved for future enhancements.
- ❑ Rec – Triggers a snapshot to be stored in the Memory Card.
- ❑ Digit buttons numbered 1, 2, 3, and 4 – Allows for Arm and Disarm Code entry.

Remote control signals can be detected only from the front of the MemoCam unit.



*Insert the two included AAA batteries into the remote control unit before use.*

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## Arming MemoCam®

To activate (arm) MemoCam:

1. Verify that the MemoCam unit is powered and the Memory Card is inserted into the unit.
2. Point the remote control at the unit and press *Arm* (refer to Figure 12 on page 14). MemoCam emits one long beep and the Arm mode LED illuminates orange (refer to Figure 2 on page 6).



*The system is preset so that no code is necessary to arm the MemoCam unit. However, you do have the option of selecting an arm code. For information about defining an arm code, refer to the MemoCam Software Manual.*

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## Disarming MemoCam®

To deactivate (disarm) MemoCam:

1. Point the remote control unit at the MemoCam unit and enter the disarm code using the buttons labeled 1-4 on the remote control unit (refer to Figure 12 on page 14).
2. Press *Disarm* (refer to Figure 12 on page 14). The MemoCam unit beeps three times and the Arm mode LED turns off.



*The default disarm code is: 1234. To define a new disarm code, refer to the MemoCam Software Manual.*

## LED Indicators

As shown in Figure 2 on page 6, MemoCam has the following LED indicators:

Table 1. MemoCam LEDs

LED	Color	Description
Memory Card Status (left)	Red	Error or Memory Card is faulty or not inserted correctly
	Blinking Green	Data is being written to the Memory Card
	Orange	Memory Card is full
PIR Activation (middle)	Flashing Red	Movement detected
Arm mode (right)	Orange	MemoCam unit is in Arm mode
	None	MemoCam unit is in Disarm mode



*LED indicators except the power LED indicator can be enabled or disabled. Refer to the MemoCam Software Manual.*

## Audible Signals (Beeps)

The MemoCam unit can be configured to emit an audible signal (beep) when:

- ☐ You arm the unit – Long beep.
- ☐ You enter a disarm code – Short beep after each button is pressed.
- ☐ You disarm the unit – Two short beeps and one long beep.
- ☐ In Disarm mode – A recurring short beep.
- ☐ The Memory Card is not inserted – A recurring short beep.
- ☐ The configuration is upgraded by inserting a Memory Card with an updated configuration – One short beep.
- ☐ The configuration returns to the factory default – Three short beeps.



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*Audible signals can be enabled or disabled.  
Refer to the MemoCam Software Manual.*

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# Installing MemoCam<sup>®</sup> Software

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Before you install the MemoCam software, make sure your computer or Pocket PC meets the following system requirements.

## PC Minimum Requirements

CPU	Pentium II 200MHz or higher
RAM	16MB or higher
Graphic adapter	Super VGA or higher
Display resolution	640x480, 32000 colors or higher
Operating systems	Windows 98 SE, ME, 2000, NT, or XP with Internet Explorer <sup>™</sup> 5.0 or higher
Memory Card Reader	

## Pocket PC Minimum Requirements

CPU	ARM (or compatible)
RAM	16MB or higher
Display resolution	320x240, 32000 colors/256 gray level or higher
Operating systems	Windows CE 3.0 or higher
Memory Card Reader	



## Installing MemoCam® Software on Your PC

Before beginning the installation, close all Windows programs you have running.

To install MemoCam software:

1. Insert the MemoCam Software CD into the CD-ROM drive. The *CD Browser* screen appears automatically. If the *CD Browser* screen does not appear automatically, open Windows Explorer, browse to the CD-ROM drive, and double-click `MCBrowse.exe`.
2. Click *Install MemoCam*. The *Welcome* screen appears.
3. Click *Next* to continue with the installation. The *License Agreement* screen appears.
4. Click *Yes* to accept the License Agreement terms. The *Destination Location* screen appears, indicating where the program will be installed.

5. To change the folder location, click *Browse*. To continue, click *Next*. The MemoCam files are installed and the *Setup Complete* screen appears.
6. You must restart your computer in order to use the newly installed program. Select the Restart option and click *Finish*. Your computer is automatically restarted.

For more information, refer to the *MemoCam Software Manual*.

## Installing MemoCam® Software on Your Pocket PC

Before installing the MemoCam software for your Pocket PC, install and configure the MemoCam software on your PC. For information on installing the MemoCam software on your Pocket PC, refer to the *MemoCam® Pocket PC Player User Guide*.



*To install the Memory Card reader on your computer, refer to the documentation supplied with the Memory Card reader.*

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## Viewing the Images

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This section describes how to view MemoCam images. For detailed information about all of MemoCam's many features, refer to the *MemoCam Software Manual*.

To view the recorded images:




*If you are using a MemoCam M-C56 or MemoCam M-C720 that is connected directly to your computer through the serial port, proceed to Step 4.*

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1. Disarm the MemoCam unit (refer to *Disarming MemoCam* on page 16).
2. Remove the Memory Card from the MemoCam unit (refer to *Accessing the Memory Card* on page 12).

3. Insert the Memory Card into the card reader attached to your computer or Pocket PC.



4. Click  on your desktop to open the MemoCam software. The MemoCam window opens, displaying thumbnails of the images stored on the Memory Card (refer to Figure 13 on page 22).





*If there is no Memory Card in the reader, the MemoCam software opens a file containing sample images.*

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## Viewing the Image List

You can view the Image List displayed in the MemoCam window in either of the following ways:

- ❑ **As thumbnails of the images** (Figure 13). To display the Image List as thumbnails, click  or open the **View** menu and select **Thumbnails**.
- ❑ **As a detailed list** (Figure 15 on page 23). To display the Image List as a detailed list, click  or open the **View** menu and select **Details**.

For more information, refer to the *MemoCam Software Manual*.

If you are using a PC, the thumbnails view appears as shown in Figure 13.

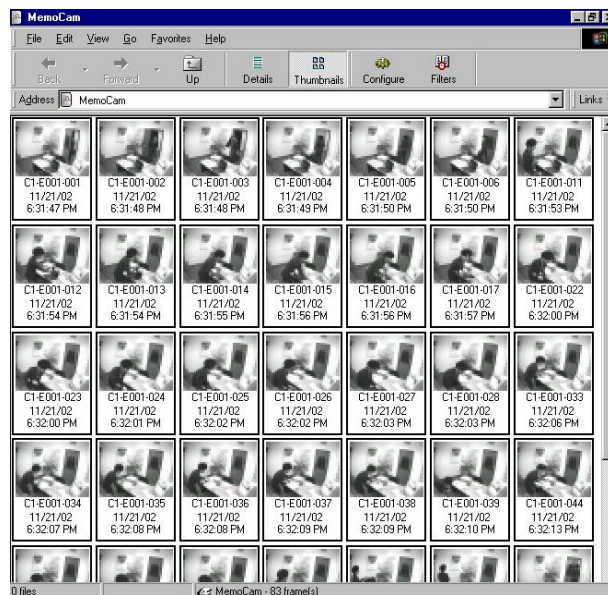


Figure 13. Thumbnails View – PC

If you are using a Pocket PC, the thumbnails view appears as shown in Figure 14.



Figure 14. Thumbnails View – Pocket PC

If you are using a PC, the detailed list view appears as shown in Figure 15.

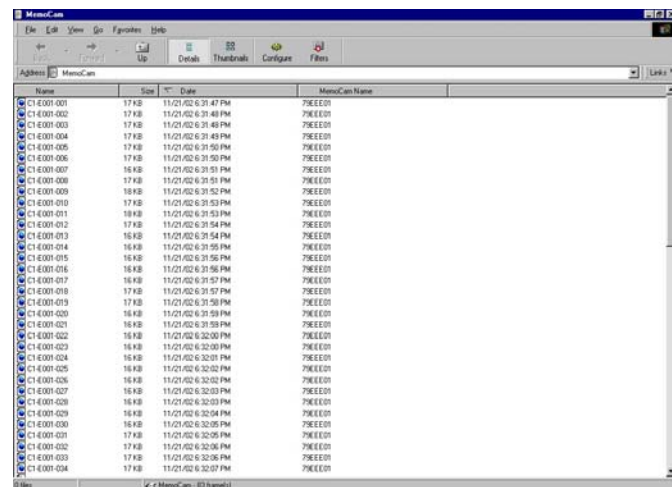


Figure 15. Detailed List View – PC

If you are using a Pocket PC, the detailed list view appears as shown in Figure 16.

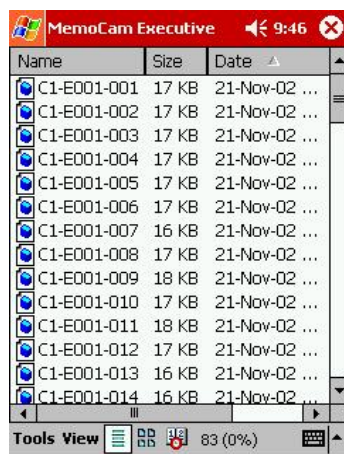


Figure 16. Detailed List View – Pocket PC

## Playing the Images

You can view images consecutively in the MemoCam Image Viewer. The images are played in the order they appear in the Image List. A toolbar to control the viewing of images appears on the top of the window.

To play images:

1. Double-click an image in the list.


OR








1. Select an image in the list.
2. Open the **Edit** menu and select **Play**.



Figure 17. Image in MemoCam Image Viewer

The MemoCam Image Viewer toolbar contains the following buttons:

Button	Description
	Plays the images backward.

Button	Description
	Plays the images forward.
	Pauses the playing of images.
	Displays the current image in your PC's default viewer.
	Displays the previous image.
	Displays the next image.
	Checks the image integrity. Enter the integrity key or load the key from a file. For more information, refer to the <i>MemoCam Software Manual</i> .
	Adjusts the speed at which the images are displayed.

## Checking the System

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To check that the MemoCam unit was installed successfully and is operational:

1. Make sure the Memory Card is inserted in the unit (refer to *Accessing the Memory Card* on page 12).
2. Disarm MemoCam using the remote control unit (refer to *Disarming MemoCam* on page 16).
3. Point the remote control unit at MemoCam and press *Rec* to record a snapshot. The Memory Card Status LED blinks green.
4. Remove the Memory Card from the unit (refer to *Accessing the Memory Card* on page 12).
5. Insert the Memory Card into the card reader attached to your computer or Pocket PC.

6. View the image as described in *Viewing the Images* on page 21.

If you encounter any problems during this process, refer to *Troubleshooting* in the *MemoCam Installation Manual*, or the *MemoCam Software Manual*.



*The MemoCam unit has an internal clock. To configure the date and time, refer to the MemoCam Software Manual.*

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# Glossary

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Arm	Enables automatic detection and recording function.
-----	---

Cyclic Recording	Continuous recording. The MemoCam records over older images from start of the cycle when Memory Card is full.
------------------	---

Disarm	Disables the automatic detection and recording function.
--------	--

Event	The recording of one or more images as a result of a trigger.
-------	---

LED	Light Emitting Diode. An electric component that lights up.
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Memory Card	A stamp-sized plastic card containing read/write non-volatile memory. Can be an MMC (Multimedia Card) or SD (Secure Digital).
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PIR	Passive Infrared motion detector.
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Snapshot	Recording of a single picture.
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Trigger	A signal that activates the recording process. Usually generated by an alarm contact.
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VMD	Video Motion Detection. A feature that detects changes in video frames.
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# License and Limited Warranty Agreement

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The opening of the packaging of the Software and/or the installation of the Software and/or the use of the Product shall be deemed that you have read and accepted the terms of this License and Limited Warranty Agreement.

If you do not agree to the terms of this agreement, do not use the product. Promptly return the entire package to the place where you obtained it.

## General Terms

You have purchased the right to use the software embedded in some integrated circuits of this Product and on the enclosed disks and/or CD-ROM (the 'Software') and you have purchased the hardware that is the other part of the Product (the 'Hardware'), together (the 'Product') produced by Video Domain Technologies ('VDT'). If the Hardware or the Software does not function properly, please return the Product, together with the copy of your paid receipt, to the place where you obtained it.

## License

VDT grants you a license to use the Software subject to terms and conditions of the License agreement hereto. You do not own the Software. VDT and/or third parties remain the sole owner of the Software. The Software and accompanying documentation are proprietary products of VDT and/or third parties, and all title, trade secrets, trade names, trademark patents, copyrights and any other intellectual and proprietary rights, in the Product whether registered or not, remain the sole property of VDT and/or third parties. The intellectual property rights of VDT and/or third parties in the Product are protected by law.

Your rights in the Software are limited to installation of the Software, in the machine-readable form in accordance with the instructions VDT provided you, executing the Software after installation, and making an archive copy(s) in the form provided for backup purposes.

The Software may be used only in conjunction with the Hardware you bought, as an integral part of the Product. Any attempt to determine the source code for the Software; to modify, reprogram, translate, disassemble, decompile, or otherwise reverse engineer the Software; selling sublicense, transferring the Software to anyone else; or allowing any one the access or execute the Software through time sharing services or as a service bureau are forbidden. Any attempt to do any of these forbidden activities will automatically terminate your right to use the Software and our Limited Warranty without any notice from us.

## Warranty

The Product, including the media on which the Software is delivered, is warranted to be free of defects in material and workmanship and shall comply with VDT specifications, for a period of 12 months of normal use from the date of purchase ('the Warranty Period').

The Warranty is void if VDT's instructions of operation, checking and maintenance are ignored, if attempts to repair the Product have been done before the Product is returned to the place where you obtained it. Responsibility for normal wear and tear is excluded.

The Product is provided 'As Is' and without Warranty, by VDT and/or the distributor and/or the importer, if the importer is not a distributor (each hereinafter the 'Distributor') of the Product, in the country where the product was purchased, or our suppliers, express or implied, including without limitation implied warranty of merchantability of fitness any particular purpose.

During the Warranty Period, VDT's and/or VDT's Distributor sole obligation, in tort, contract, or otherwise, shall be to repair or replace the defective Product, at VDT's option. The repair or replacement of the defective Product during the Warranty Period will not extend the Warranty Period. The Warranty does not cover failures resulting from improper operation, connection, or installation.

For your convenience, VDT's obligations in connection to Warranty claims, repairs service and instructions have been transferred to VDT's Distributor in your country. The Distributor is responsible for providing you with all necessary services (if you need the details of the Distributor in your country, please contact VDT).

However, if according to law, by law EC directive etc. prevailing in the country/state in which the product was purchased you are entitled a longer warranty period and/or to better minimum undertaking from VDT and/or from the distributor than those granted to you herein, then this document is changed to reflect the said minimum/s.

## Disclaimer

VDT and/or the Distributor make no Warranty, Representation or promise expressed or implied that the Hardware and/or the Software or associated documentation will satisfy your requirements and/or that the hardware or software and documentation are without defect or error or that the operation of the hardware and software will be uninterrupted or error free.

## Limitation of Liability

Except as otherwise restricted by Law, VDT's and/or distributor's aggregate liability arising from or relating to your purchase and/or use of the Hardware and/or Software, the associated documentation or any services provided by VDT and/or the distributor, is limited to the total of all payments made by or for you for the Hardware and Software and documentation.

Neither VDT nor the Distributor or any of their licensors, directors, employees, or any body acting on their behalf shall in any case be responsible or liable for any special, incidental, consequential, indirect or punitive damages, even if advised of the possibility of those damages and/or for lost profits or revenue, loss of contracts, loss of data, costs or re-creating lost data, and/or the cost of any substitute Hardware and/or Software and/or equipment or programs.

## Governing Law and Jurisdiction

Except as otherwise restricted by law, this Agreement shall be governed only by, and interpreted, in accordance with the laws of the State of Israel and the exclusive jurisdiction shall be vested to the local courts of Tel Aviv.

## Entire Agreement

This Agreement sets forth the entire understanding and rights and duties between you and VDT. This Agreement may be amended only in writing signed by both parties. No person or entity is authorized to modify this Agreement or to make any warranty, representation or promise which is different than, or in addition to, the representation or promises of this agreement.

## Waiver

No waiver of any right under this Agreement shall be effective unless in writing, signed by a duly authorized representative of the party to be bound. No waiver of any past or present right arising from any breach or failure to perform shall be deemed to be a waiver of any future right arising under this Agreement.

## Severability

If any provision in this Agreement is invalid or unenforceable, that provision shall be construed, limited, modified or, if necessary, severed, to the extent necessary, to eliminate its invalidity or unenforceability, and the other provisions of this Agreement shall remain unaffected.